

Untitled.ST25.txt
SEQUENCE LISTING

<110> Tony, Romeo
Xin, Wang
Rebecca L., Desplas

<120> Novel Genes Involved in the E. coli Biofilm Formation and Uses
Thereof

<130> 42623-0042

<150> US 60/464062

<151> 2003-04-17

<160> 141

<170> PatentIn version 3.2

<210> 1

<211> 33

<212> DNA

<213> primer

<220>

<221> misc_feature

<222> (21)..(30)

<223> n is a, c, g, or t

<400> 1

ggccacgcgt cgactagtac nnnnnnnnnn gat

33

<210> 2

<211> 18

<212> DNA

<213> primer

<400> 2

caggctctcc ccgtggag

18

<210> 3

<211> 16

<212> DNA

<213> primer

<400> 3

aaagtgcggg tgatgc

16

<210> 4

<211> 20

<212> DNA

<213> primer

<400> 4

ggccacgcgt cgactagtac

20

<210> 5

<211> 17

<212> DNA

Untitled.ST25.txt

<213> primer

<400> 5

ctgcctccca gagcctg

17

<210> 6

<211> 23

<212> DNA

<213> primer

<400> 6

ctgacggggt ggtgcgtaac ggc

23

<210> 7

<211> 22

<212> DNA

<213> primer

<400> 7

cactcgtgag cgcttacagc cg

22

<210> 8

<211> 23

<212> DNA

<213> primer

<400> 8

gattcctcta tttattcgcc cgc

23

<210> 9

<211> 23

<212> DNA

<213> primer

<400> 9

ctaatacaacg aggaaaaagg gac

23

<210> 10

<211> 24

<212> DNA

<213> primer

<400> 10

aatcggtga atcccacaac ttac

24

<210> 11

<211> 24

<212> DNA

<213> primer

<400> 11

cttctgacac atgcagtgga gttg

24

<210> 12

<211> 26

<212> DNA

<213> primer

<400> 12
gcgattgtac gctgaaatga aagcac

26

<210> 13
<211> 24
<212> DNA
<213> primer

<400> 13
atgccactgc atactgatta accc

24

<210> 14
<211> 28
<212> DNA
<213> primer

<400> 14
cggtgcaa at gccagataag acactaac

28

<210> 15
<211> 17
<212> DNA
<213> primer

<400> 15
caggaaacag ctatgac

17

<210> 16
<211> 25
<212> DNA
<213> primer

<400> 16
aaacgtgaac tgatgcaagg atcgc

25

<210> 17
<211> 25
<212> DNA
<213> primer

<400> 17
gatcatcgct ggcttgctga ttggc

25

<210> 18
<211> 27
<212> DNA
<213> primer

<400> 18
gatattgtga actatcgcaa agaatcc

27

<210> 19
<211> 26
<212> DNA

<213> primer

<400> 19

cgatgcacaa tgcaatcttc gttgcc

26

<210> 20

<211> 220

<212> DNA

<213> partial gene with transposon insert

<400> 20

caggaaacag ctatgaccat gattacgccca agcttggtac cgagctcgga tccactagta 60

acggccgccca gtgtgctgga attcggctta agccgaattc tgcagatatc catcacactg 120

gcggccgctc gagcatgcat ctagagggcc caattcgccc tatagtgagt cgtattacaa 180

ttcactggcc gtcgtttttac aacgtcgtga ctggcaaaac 220

<210> 21

<211> 220

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<400> 21

gtcctttgtc gatactggtta ctaatgcggt tcgaaccatg gctcgagcct aggtgatcat 60

tgccggcggt cacacgacct taagccgaat tcggcttaag acgtctatag gtagtgtgac 120

cgccggcgag ctctgacgta gatctcccg gtttaagcggg atatcactca gcataatggtt 180

aagtgaccgg cagcaaaatg ttgcagcact gacccttttg 220

<210> 22

<211> 309

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<400> 22

aaaaacggtt accggatccg ggatcatatg acaagatgtg tatccacctt aacttaatga 60

tttttaccaa aatcattagg ggattcatca gggtcaggtc tggatttaag ttccatcctt 120

gatagcctca ccgcgcgca aaaagcgacg ctaaccccca tttcaaatca gcaatcgctg 180

tttaccgcta aacttagcgc ctacggtacg ctgaaaagcg cgctgacgac tttccagacc 240

gccaaactg cattgtctaa agccgatctt ttttccgccca ccagcaccac cagcagcacc 300

accgcgttc 309

<210> 23

<211> 326

<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (293)..(293)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (295)..(301)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (324)..(326)
<223> n is a, c, g, or t

<400> 23
aaaaacggtt accggatccg ggatcatatg acaagatgtg tatccacctt aacttaatga 60
tttttaccaa aatcattagg ggattcatca gagttaagtc ccataccaac catggacgca 120
atgcagaata ttatgcctgg gtacaaaatc atctcaaaga gcatcccgca gatcgcggtg 180
ttgggtttta taagatgcct ggcttggatg tttattttgc cgctgatgtt tgttacgccg 240
agaaagttgc gcaagaaaaa gggtttttat atcgtttaac atcacgatat ccncnnnnnn 300
ngtactagtc gacgcggggc caannn 326

<210> 24
<211> 164
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(1)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (135)..(136)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (138)..(139)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (141)..(141)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (143)..(143)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (145)..(145)

<223> n is a, c, g, or t

<400> 24

naaaaacccg ccggacatcc cggatccggg atcatatgac aagatgtgta tccaccttaa 60

cttaatgatt tttaacaaaa tcattagggg attcatcagt gttcaacctg ctgcgtcgta 120

gcccgatat atccnncnnc ncngnactag tcgacgcgtg gccca 164

<210> 25

<211> 296

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (6)..(6)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (92)..(92)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (134)..(135)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (139)..(139)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (149)..(149)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (152)..(152)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (155)..(155)

<223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (157)..(157)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (163)..(163)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (170)..(171)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (226)..(226)
 <223> n is a, c, g, or t

<400> 25
 aacggnccga tccgggatca tatgacaaga tgtgtatcca ccttaactta atgattttta 60
 ccaaaatcat taggggattc atcagagatc ancctgaatt ccagtgatcc gcttcctact 120
 gttacgccat tcanngccng caatgcgngt anctnfnaca aanaaggtn ngtgactggt 180
 ttccacagtc atggtaatgc tcatgacatg agcgtctact ttgtgnaccc ggggataata 240
 actggcaggt ctacaccag gatagcagt atccaaacag cattgcgaag acagcg 296

<210> 26
 <211> 317
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<400> 26
 aaacggttac cggatccggg atcatatgac aagatgtgta tccaccttaa cttaatgatt 60
 tttacaaaa tcattagggg attcatcagt gcttacacct ggcagccgat ctatcaaaaa 120
 tgcgggagggt taatggccgt ggagctatta acggtgggtca cgcattccctt gaacccttcg 180
 caacgcctgc cgccggatcg ctattttact gaaatcaccg tcagccatcg gatggagggt 240
 gtgaaagagc agattgattt gctggcgcaa aaagccgact tctttataga gcacggcctg 300
 ctggcatcgg tcaatat 317

<210> 27
 <211> 371
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (350)..(350)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (352)..(352)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (354)..(358)
 <223> n is a, c, g, or t

<400> 27
 aaacggttac cggatccggg atcatatgac aagatgtgta tccaccttaa cttaatgatt 60
 ttaccacaaa tcattagggg attcatcagc ttcaagcgcc agtttcaaca tgcggttgat 120
 gacgcgtgt tgcgtatggg taaactcgcg accttccact ttggtcggga agcgtccatc 180
 gccgcaaac aggttatcca cggcgataaa caccagactc ggtgagaaca ccaccagccc 240
 agtgccgcgc agcggtttca gatggataag gttcagggtg gtcggcaccg gcagggttgcg 300
 ggcaaattca tggtagcggt gaatgcggat ggccccgacg gttatatccn gncnnnnngt 360
 actagtcgac g 371

<210> 28
 <211> 374
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<400> 28
 aaacggttac cggatccggg atcatatgac aagatgtgta tccaccttaa cttaatgatt 60
 ttaccacaaa tcattagggg attcatcagt atccagcccc aacgtatgga aagtggagat 120
 catcagccca cgcgcctctt tgcgccccag cgtctgccct acacgctctt tcattctcgcg 180
 cgctgcttta ttagtaaagg tcaccgcccgc aatgtgccgc gcctgataac cgcaaccgcg 240
 gatcagatgg gcgattttat tggtagataac acgagtttta ccggaacccg cgccccgccag 300
 caccaggcag gggccggtaa cgaattcgac agcttggtgt tggccggggt ttagacgcat 360
 aggtgtattg ctca 374

<210> 29
 <211> 311
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> n is a, c, g, or t

<400> 29
 cggnccggat ccgggatcat atgacaagat gtgtatccac cttaacttaa tgattttttac 60
 caaaatcatt agggggattca tcagtgggtac gcatctacat aaattttgtc gatcaccggt 120
 gacataataa aaaagggtcaa aaacagtgcc agccccagca atacctgggtt aggtggcgcg 180
 cggaggggtgt tcccagcgcg ttacgcaata aaccaaaaac aatgatgatg cgggtgaaac 240
 tgggtcatcat cagtaaaatt gccggaataa acgtcaacga ggtgatgaac accagcgtct 300
 gcaccgggag c 311

<210> 30
 <211> 398
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (1)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (4)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (15)..(16)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (23)..(23)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (153)..(153)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (165)..(165)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (179)..(179)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (189)..(189)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (198)..(198)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (207)..(207)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (232)..(232)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (243)..(243)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (248)..(248)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (256)..(256)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (258)..(258)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (268)..(269)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (279)..(279)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (287)..(287)

<223> n is a, c, g, or t

<220>

```

<221> misc_feature
<222> (289)..(289)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (292)..(292)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (304)..(304)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (306)..(306)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (310)..(313)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (317)..(317)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (319)..(319)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (325)..(326)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (328)..(328)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (332)..(332)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (337)..(337)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (341)..(342)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (344)..(345)
<223> n is a, c, g, or t

```

<220>
<221> misc_feature
<222> (347)..(347)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (350)..(350)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (355)..(355)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (357)..(357)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (361)..(362)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (365)..(365)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (367)..(367)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (370)..(371)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (375)..(375)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (379)..(381)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (385)..(386)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (388)..(389)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (391)..(391)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (396)..(396)
<223> n is a, c, g, or t

<400> 30
nncnnaacan acggnnccgg ccnggatcat atgacaagat gtgtatccac cttaaacttaa 60
tgattttttac caaaatcatt aggggattca tcagcggcga gctggcgag aaaatcatcg 120
acgagatggt cctgttcgag aatctggtgg atntcgccaa tcgcngtact agtcgacgng 180
tggccaaant ggattccnaa tcgctgntga tcgcgctgaa aggagccgag cngtcactgt 240
gcnagaantt cttgcncnat atgtcgcnnc gtgccgccna tatcccnnc cnaccgtacc 300
cctngnacgn nnnaccngna ccccnntncg gncaagnatg nnannancn gatanancag 360
nncantnctn ngatncacnn natannanng ncgccnac 398

<210> 31
<211> 312
<212> DNA
<213> artificial.

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (196)..(196)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (202)..(202)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (207)..(207)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (214)..(214)
<223> n is a, c, g, or t

<400> 31
aaacgggttac cggatccggg atcatatgac aagatgtgta tccaccttaa cttaatgatt 60
tttaccaaaa tcattagggg attcatcagg gteaggcatg ctctcgcat ctggaagcgt 120
taaaaaataa tcggatatca ctatgagttt tgcgaccatt tctgttatcg gactgggtta 180
tatcgggctg ccaacngcta cncgacncgc gccncggcaa aaacaggtaa ttggtgtcga 240
tatcaaccaa catgcgggtg ataccatcaa tcgtggccaa atccatatcc ccccccccg 300

tactagtcga cg

312

<210> 32
<211> 250
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (4)..(4)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (217)..(219)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (245)..(245)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (247)..(250)
<223> n is a, c, g, or t

<400> 32	
cggnccggat ccgggatcat atgacaagat gtgtatccac cttaacttaa tgatttttac	60
caaaatcatt aggggattca tcagtgccgc gcacggcaaa tccgaatgca aaaatcgcac	120
taatctcaaa agtatacccg atgcgtagcc ataccgttgc tgcagaaggg ggctccgccg	180
ctgtcgcgca ggatcatgac agcttcgaat atcccccnnnc ccccgacta gtcgacgccg	240
tgaanannnn	250

<210> 33
<211> 316
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (178)..(178)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (185)..(185)
<223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (188)..(188)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (195)..(195)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (210)..(210)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (213)..(213)
 <223> n is a, c, g, or t

<400> 33
 aacgtaccgg atccgggatac atatgacaag atgtgtatcc accttaactt aatgattttt 60
 accaaaatca ttaggggatt catcagggcg cagccgctgc gtgagtttat gctgcgtcag 120
 acccgtgagg cagatttagg gttgtttgcc agactggcga atatcggccc gttgcgttct 180
 actcnacncg tgccnatgcg cattttgctn ccngcctacg tgaccagcga gttgaaaacc 240
 gcatttcaga tacggcttca cagattttca tccctttttt gattatcgac ctggtgatag 300
 ccagcgtggt gatggc 316

<210> 34
 <211> 276
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (10)..(11)
 <223> n is a, c, g, or t

<400> 34
 atgaaaacgn nccggatccg ggatcatatg acaagatgtg tatccacctt aacttaatga 60
 tttttaccaa aatcattagg ggattcatca gtactcaact tccagcggat taatcgcctt 120
 ccaggcgtcg ctatagcctt caagcgccag tttcaacatg cggttgatga cgcgctgttc 180
 ggtatgggta aactcgcgac cttccacttt ggtcgggaag cgtccatcgc cgccaaacag 240
 gttatccacg gcgataaaca ccagactcgg tgagaa 276

<210> 35
 <211> 332

<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<400> 35
cgtaccggat ccgggatcat atgacaagat gtgtatccac cttaacttaa tgatttttac 60
caaaatcatt aggggattca tcagggcgca gcccgtgctg tgagtttatg ctgcgtcaga 120
cccgtgaggg agatttaggg ttgtttgcc a gactggcgaa taccggcccc ttgcaggggac 180
ctgaagccgt gccgatgctc attttgctcc cggcctacgt gaccagcgag ttgaaaaccg 240
catttcagat aggccttcacg attttcatcc cttttttgat tatcgacctg gtgatagcca 300
gcgtgttgat ggcattgggg atgatgatgg tt 332

<210> 36
<211> 215
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(1)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (3)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (11)..(11)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (186)..(194)
<223> n is a, c, g, or t

<400> 36
ngnnnatacg nccggatccg ggatcatatg acaagatgtg tatccacctt aacttaatga 60
tttttaccaa aatcattagg ggattcatca gtattaagcg tgaatgatgc cagagcgcaa 120
agcgttcaat ggtttgagta aggggcaaaa caggcgggat ttagggcttt tgctgccaca 180
tatccnnnnn nnnngtacta gtcgacgcgt ggcca 215

<210> 37
<211> 394
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (7)..(7)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (114)..(114)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (118)..(118)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (135)..(135)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (149)..(150)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (161)..(161)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (172)..(172)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (194)..(194)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (201)..(202)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (215)..(215)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (229)..(229)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (232)..(232)

```

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (246)..(246)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (249)..(249)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (257)..(257)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (275)..(275)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (277)..(277)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (280)..(280)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (285)..(285)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (290)..(290)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (292)..(294)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (298)..(298)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (300)..(304)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (310)..(310)
<223> n is a, c, g, or t

<220>

```

<221> misc_feature
<222> (314)..(314)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (319)..(321)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (323)..(323)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (327)..(327)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (330)..(330)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (332)..(332)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (334)..(336)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (346)..(346)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (349)..(350)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (354)..(354)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (358)..(358)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (364)..(364)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (369)..(369)
<223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (372)..(374)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (380)..(380)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (383)..(384)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (388)..(388)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (390)..(392)
 <223> n is a, c, g, or t

<400> 37
 aaacggnccg gatccgggat catatgacaa gatgtgtatc caccttaact taatgatttt 60
 taccaaaatc attaggggat tcatcagtat gtgtaccgtg tattggcgct aagngtgnga 120
 agcttttttt ccaantacca tgcttgccnn atgaccataa ngttgcgata tnttcattcc 180
 gtgcatgcaa acancgtacc nncagcgcca ccatncaact gatgcgtcng antaatgacc 240
 aggttntant tattctntcg cccgagcctc atcancnaan gctcnctttt tnnncggnan 300
 nnnnattttt cccngtctnn ntnttgnttn antnnnttac gcggcnaacn attngttntg 360
 gtctacgng cnnnataacn gcnnctcncn nncc 394

<210> 38
 <211> 450
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (442)..(442)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

Untitled.ST25.txt

<222> (449)..(449)

<223> n is a, c, g, or t

<400> 38

```
cgncggatcc gggatcatat gacaagatgt gtatccacct taacttaatg atttttacca    60
aatcattag gggattcatc agcgtttcgc ccctattaca gactcacaac cacatgatga    120
ccgaatatat agtggagacg tttagatggg taaaataatt ggtatcgacc tgggtactac    180
caactcttgt gtagcgatta tggatggcac cactcctcgc gtgctggaga acgccgaagg    240
cgatcgcacc acgccttcta tcattgccta taccaggat ggtgaaactc tagttggtca    300
gccggctaaa cgtcaggcag tgacgaaccc gcaaaacact ctgtttgcga ttaaaccgct    360
gattggtcgc cgcttcagg acgaagaagt acagcgtgat gtttccatca tgccgttcaa    420
aattattgct gctgatatcc cncctccng                                     450
```

<210> 39

<211> 300

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<400> 39

```
taccggatcc gggatatatg acaagatgtg tatccacctt aacttaatga tttttaccaa    60
aatcattagg ggattcatca gtttcaagcg ccagtttcaa catgcggttg atgacgcgct    120
gttcggtatg ggtaaactcg cgaccttcca ctttggtcgg gaagcgtcca tcgccgcaa    180
acaggttatc cacggcgata aacaccagac tcggtgagaa caccaccagc ccagtgccgc    240
gcagcggttt cagatggata aggttcaggt tggtcggcac cggcaggttg cgggcaaatt    300
```

<210> 40

<211> 300

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (1)..(2)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (6)..(6)

<223> n is a, c, g, or t

<400> 40

```
nncgtncggg atattgacaa gatgtgtatc caccttaact taatgatttt taccaaaatc    60
```

• Untitled.ST25.txt
 attaggggat tcatcagcgc ttgaaggcta tagcgacgcc tggaaggcga ttaatccgct 120
 ggaagttgag tacgtgctgt cggaatgca ggtgaaattt accaatatca ccacctcgcc 180
 gaacgacatt gtggttaaca cgccgttcca tgtggagatt ggcaacctga ccggcgaatt 240
 taatatctgc ctgccattca gcatgatcga gccgctacgg gaattgttgg ttaacccgcc 300

<210> 41
 <211> 250
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

<400> 41
 anccgatccg ggatatatga caagatgtgt atccacctta acttaatgat ttttaccaaa 60
 atcattaggg gattcatcag cgcttgaagg ctatagcgac gcctggaagg cgattaatcc 120
 gctggaagtt gagtacgtgc gttcggaaat gcaggtgaaa tttaccaata tcaccacctc 180
 gccgaacgac attgtggtta acacgccgtt ccatgtggag attggcaacc tgaccggcga 240
 atttaatatc 250

<210> 42
 <211> 260
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (229)..(237)
 <223> n is a, c, g, or t

<400> 42
 cgncggatc cgggatcata tgacaagatg tgtatcccct taacttaatg atttttacca 60
 aaatcattag gggattcatc agcaccctgc attcgcagga gcggagaaac atccgccgga 120
 gcggcaatca cactgagcg tgcacgccct tcggcaccga ggatgttctc aataaaatct 180
 tttacttcgc gccacgttc accaatcaaa cccacgacaa tgatatccnn nnnnnngta 240

ctagtcgacg cgtggccaat

<210> 43
 <211> 378
 <212> DNA
 <213> artificial
 <220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (119)..(119)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (349)..(353)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (355)..(357)
 <223> n is a, c, g, or t

<400> 43
 tangaaaaac gtaccggatc cgggatcata tgacaagatg tgtatccacc ttaacttaát 60
 gattttttacc aaaatcatta ggggattcat cagcgtcca gcccctggag agacgcttnc 120
 cagtccgcgc gttcaaaaat gccttggtgc aaatagccct ccagctgcgg ccacagggcg 180
 atggctttat cgagcatcgg atcgtgcct ttggcatagc gcccgacgct aaccagatcg 240
 cggttacgct gaaaactcga caacagctgt ttgaagggtgc gactcgcgc gtaatgttgc 300
 tactgatca acgccgtcat tgcgcggctg atcgacgctt caatatccnn nnnnnngta 360
 ctagtcgacg cgtggcca 378

<210> 44
 <211> 207
 <212> DNA
 <213> artificial
 <220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (13)..(13)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (181)..(181)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (183)..(183)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (185)..(191)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (197)..(199)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (202)..(202)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (206)..(206)
<223> n is a, c, g, or t

<400> 44
agcncgccgg acntcccgga tccgggatca tatgacaaga tgtgtatcca ccttaactta 60
atgattttta ccaaatcat taggggattc atcagagtcg ctagtggaag agccatttcg 120
aaaaatcctg gtcataaaga tgcgatatcc cccaccgcg tactagtcga cgcgtggcca 180
nanannnnnn ncggcannnc cncctnt 207

<210> 45
<211> 351
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (179)..(179)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (181)..(181)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (196)..(196)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (246)..(246)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (248)..(248)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (256)..(256)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (261)..(261)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (276)..(277)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (279)..(279)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (293)..(293)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (300)..(300)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (302)..(302)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (324)..(324)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (331)..(331)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (339)..(339)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (350)..(350)

<223> n is a, c, g, or t

<400> 45

ataccgatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gatttttacc 60

aaaatcatta ggggattcat cagcgattg catcaacagt tgccgcacgg ggccaccatg 120

ttcgggtata tacacagtcg tgggaaggcg attgcccga agcatttgag cttattcang 180

ngccagttaa gtcccntacc aaccatggac gcaatgcaga atattatgcc tgggtacaaa 240

atcatntnaa acagcntccc ncaggatctg tgtcgnngng ttcaattatt atnccctcgn 300

cnggattatc ttatttgcct gctnaatgct ngctttctna ttctaaatn t 351

<210> 46

<211> 276

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (1)..(1)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (10)..(10)

<223> n is a, c, g, or t

<400> 46

ngaaaacggn ccggatccgg gatcatatga caagatgtgt atccacctta acttaatgat 60

ttttacaaa atcattaggg gattcatcag cgcttgaagg ctatagcgac gcctggaagg 120

cgattaatcc gctggaagtt gagtacgtgc gttcggaat gcaggtgaaa tttaccaata 180

tcaccacctc gccgaacgac attgtggtta acacgccgtt ccatgtggag attggcaacc 240

tgaccggcga atttaatatc tgccctgccat tcagca 276

<210> 47

<211> 300

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

Untitled.ST25.txt

<222> (2)..(2)

<223> n is a, c, g, or t

<400> 47

cncgatccgg gatcattgac aagatgtgta tccaccttaa cttaatgatt tttaccaaaa 60

tcattagggg attcatcaga ttcaggtgcg taataagctg gtggcggcgt atcaggaagt 120

gatgagcatg caggtgtagg ttttgtaacc tgttgttaat tacatccgat ctcaccgcgt 180

ggggcatgga tggggcaaac tcaactcaatt tctgggttaa aatggatacc tgatcctgaa 240

cgttttctgc catccacgat ccgtatacgc gataaccccc ctgaacatca gagcgtctca 300

<210> 48

<211> 337

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (1)..(1)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (8)..(8)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (306)..(307)

<223> n is a, c, g, or t

<400> 48

naaaacgncc ggatccggga tcatatgaca agatgtgtat ccaccttaac ttaatgattt 60

ttaccaaagt cattagggga ttcacagggg gtttaatacca gtttttcgcg ctccggcaac 120

gtttcgaatg cttccatcac ccgctggcgc agattactgt ccagtagttg ttgtagcggg 180

ttttctcgct gatgatcatc agtaaccagt tcgatgctat cgccgtgctc ttcgcgccac 240

tcacgtagg agaagagctg gctgttattg gtgtcgagca acatttggcg ataatcggca 300

atatacnccc cccccgtact agtcgacgcg tggccaa 337

<210> 49

<211> 351

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

```

<221> misc_feature
<222> (5)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (269)..(269)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (276)..(277)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (299)..(300)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (306)..(306)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (313)..(313)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (315)..(315)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (318)..(318)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (322)..(322)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (328)..(328)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (333)..(333)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (339)..(339)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (350)..(350)
<223> n is a, c, g, or t

```


Untitled.ST25.txt

```

<400> 49
atacncgacc gggatcatat gacaagatgt gtatccacct taacttaatg atttttacca    60
aatcattag gggattcatc agagtttagc tgctgccaac gcagcctgac aaagtgcggg    120
atcgccacct tcaggtttga tatccagtaa cataccatcg ggtgccagtt ttatgcgcag    180
cgtacagggtt ttgcctgcat aggacgatgc gtcatagaac ttactttcga tagcagattt    240
aatctgccccg gcatagttat tgatatccnc ccccnngta ctagtcgacg cgtggccann    300
tattcngata tcncncncg cngtctantc ccncgtggnc atatctgatn c            351

```

```

<210> 50
<211> 172
<212> DNA
<213> artificial

```

```

<220>
<223> partial gene with transposon insert

```

```

<220>
<221> misc_feature
<222> (2)..(3)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (5)..(5)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (8)..(8)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (12)..(12)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (112)..(112)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (128)..(128)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (137)..(137)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (142)..(142)
<223> n is a, c, g, or t

```

<220>
 <221> misc_feature
 <222> (147)..(147)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (150)..(150)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (157)..(158)
 <223> n is a, c, g, or t

<400> 50
 annghaanag cncgccggac atcccggatc cgggatcata tgcacaagat gtgtatccac 60
 cttaacttaa tgatttttac caaatcatt aggggattca tcagagtctt gntccacttt 120
 gccaatancg ccggccntag cntagncgn cgcacgnncg gacgcgtggc ca 172

<210> 51
 <211> 270
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<400> 51
 cgntaccgga ccgggatcat atgacaagat gtgtatccac cttaacttaa tgatttttac 60
 caaatcatt aggggattca tcagtgtctg gctcctttca gcgcgatcaa cagcgattcg 120
 gaatccactt cctgcaacag acgctgaatg ctgcgatcgt cgacatccac cagattctcg 180
 aacaggaaca tctcgtcgat gattttctgc gccagctcgc cgtcgaattc acgcacggcg 240
 gtaataacgg cttcttctcg ctgagttttc 270

<210> 52
 <211> 390
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (152)..(152)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (155)..(157)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (169)..(169)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (365)..(370)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (372)..(372)
 <223> n is a, c, g, or t

<400> 52
 ggaaaaaacg tccggatccg ggatcatatg acaagatgtg tatccccctta acttaaatgat 60
 ttttaccaaa atcattaggg gattcatcag ggttggttac cttttgtgtt gggcaaaacc 120
 atattgcggg aaaacaatat ccagcgccgc cnttnnngcg tcacgcgtna ctttcgccag 180
 gatagacgcg gcaactgattt ccggtacgcg gctatcgctt ttcaccacag ccatcgcagg 240
 catcggaat ttcgggcagc ggttaccatc aatcaacaca tattccggcg caatatgcag 300
 cccagcgacg gcacgctgca tcgccagcat ggtcgcatga agaatgttca gctcgtcgat 360
 atccnnnnnn cncgtactag tcgacgcgtg 390

<210> 53
 <211> 226
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (148)..(148)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (151)..(151)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (155)..(156)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (183)..(186)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (191)..(204)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (208)..(212)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (214)..(214)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (217)..(217)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (220)..(221)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (223)..(226)
<223> n is a, c, g, or t

<400> 53
tangaataaaa acgttccgga tccgggatca tatgacaaga tgtgtatcca ccttaactta 60
atgattttta ccaaaatcat taggggatcc atcaggggtg ggtacccttt gtgttgggca 120
aaaccatatt gcgggaaaac aatatccncc ncccngtac tagtcgacgc gtggccaaat 180
atnnnnatat nnnnnnnnnn nnnnctannn nncncgnggn nannnn 226

<210> 54
<211> 226
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(3)
<223> n is a, c, g, or t

<220>

```

<221> misc_feature
<222> (5)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (20)..(20)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (158)..(158)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (160)..(162)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (165)..(166)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (191)..(193)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (195)..(201)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (203)..(205)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (207)..(207)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (210)..(210)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (213)..(213)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (216)..(216)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (220)..(221)
<223> n is a, c, g, or t

```

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (225)..(225)
 <223> n is a, c, g, or t

<400> 54
 nnnngnaaagc cgcgcggacn tcccggatcc gggatcatat gacaagatgt gtatccacct 60
 taacttaatg atttttacca aaatcattag gggattcatc agagtcgcta gtggaaaagc 120
 catttcgaaa aatcctggtc ataaagatgc gatatccngn nncnngtac tagtcgacgc 180
 gtggccaaaa nnnnnnnnnn nannncnatn ctngcncccn nccanc 226

<210> 55
 <211> 425
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (397)..(397)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (401)..(401)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (404)..(404)
 <223> n is a, c, g, or t

<400> 55
 cgaccggatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gatttttacc 60
 aaaatcatta ggggattcat cagcactgaa tctggcatta ggtttactta atcgatatggc 120
 cccgcaatta tccatttttg ttattggatt tccattaact ctgactgtcg gcatctcttt 180
 aatggcggca ttaatgccgt taattgcacc tttttgcgaa catttattca gtgaaatttt 240
 taatttgctg gctgatatta ttagtgaatt gccattaata taattccgta acgtttatca 300
 tgttatccta aggattatcc gaaaaataat acctacgaac atcttccagg atactcctgc 360
 agcgaaatat ttgttttaag ctactcaca tatcccnccc ncnngtacta gtcgacgcgt 420
 ggcca 425

<210> 56
 <211> 176
 <212> DNA
 <213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (4)..(4)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (11)..(11)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (13)..(13)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (118)..(119)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (121)..(122)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (124)..(125)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (148)..(148)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (152)..(156)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (160)..(161)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (163)..(168)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (174)..(176)
<223> n is a, c, g, or t

<400> 56
aacnaaacgg ntncggcatc gggatcatat gacaagatgt gtatccacct taacttaatg 60

atTTTTacca aaatcattag gggattcatc agcgctgcgc atacttatgc catatccnnc 120

nngnnggtac tagtcgacgc gtggccanac tnnnnnatch ncnnnnnngg ggcnnn

176

<210> 57
 <211> 355
 <212> DNA
 <213> artificial
 <220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (273)..(273)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (290)..(291)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (293)..(293)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (295)..(296)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (298)..(298)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (300)..(300)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (307)..(307)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (310)..(310)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (321)..(321)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (328)..(328)
 <223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (330)..(332)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (339)..(339)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (341)..(342)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (349)..(349)
 <223> n is a, c, g, or t

<400> 57
 aaacgaccgg accgggatca tatgacaaga tgtgtatcca ccttaactta atgattttta 60
 ccaaaatcat taggggattc atcagggggc aagttgcttt tgggcgtctc gtagcctttc 120
 ccggctaaag attgagcttg ctttgcgaca tcatcaatac tgaaagccca gcttgaagat 180
 gtatacaggg ttaacattac tgcagcactc aaccaacgca ttttcattat ttgtagctta 240
 tgtttcataa ttagtaaggc acttccccct ttngtgtgct tatatccctn ngntnnctn 300
 ctagtcnacb cgtggccact nctatccngn nntccccgnt nngcagtant cagac 355

<210> 58
 <211> 380
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<400> 58
 gatcatatga caagatgtgt atccacctta acttaatgat ttttaccaa atcattaggg 60
 gattcatcag ggctgcgcc ctttttccag cgcctcctgc attgatattt tctcttcgct 120
 gaatggctgg tacgcatcta cataaatttt gtcgatcacc ggtgacataa taaaaaagg 180
 caaaaacagt gccagcccca gcaatacctg gttaggtggc gcggagggtg ttcccagcgc 240
 gttacgcaat aaacaaaaa caatgatgat gcgggtgaaa ctggtcatca tcagtaaaat 300
 tgccggaata aacgtcaacg aggtgatgaa caccagcgtc tgcaccggga gcgaccagct 360
 ttgtccaccg ccaggcagcg 380

<210> 59
 <211> 449
 <212> DNA
 <213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(1)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (7)..(7)
<223> n is a, c, g, or t

<400> 59
natacgnccg gatccgggat catatgacaa gatgtgtatc cccttaactt aatgattttt 60
accaaaatca ttaggggatt catcaggggtg caacctgtat cacacccgat gaaagattaa 120
ttagtcaaga ttatgatatc tttttaacgg ataatccgtc taatcttact gcctctggct 180
tgcttttaag cgatgatgag tctggcgtac gggaaattgg gcctgggtcaa ttgtgcgtca 240
acttcaatat gagcaacgct atgcaggaag cggctttaca attaattgaa gtgcaactgg 300
cgcaggaaga ggtgacagaa tcgcctctgg gcggagatga aaatgcgcaa ctccatgcca 360
gcggctatta tgcgctcttt gtagacacag taccggatga tgtaagagg ctgtatactg 420
aagcagcaac cagtgacttt gctgcgtta 449

<210> 60
<211> 450
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (2)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (62)..(62)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (78)..(78)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (86)..(86)
<223> n is a, c, g, or t

<220>
<221> misc_feature

```

<222> (96)..(96)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (98)..(98)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (110)..(110)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (125)..(125)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (132)..(132)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (141)..(141)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (157)..(157)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (159)..(159)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (173)..(173)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (182)..(182)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (194)..(194)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (212)..(212)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (222)..(222)
<223> n is a, c, g, or t

```

<220>
 <221> misc_feature
 <222> (228)..(229)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (232)..(232)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (235)..(235)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (239)..(239)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (246)..(246)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (248)..(248)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (251)..(251)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (254)..(255)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (262)..(262)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (266)..(267)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (272)..(272)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (276)..(276)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (279)..(280)

<223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (283)..(283)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (285)..(286)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (288)..(288)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (290)..(290)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (293)..(293)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (295)..(295)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (298)..(298)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (301)..(303)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (305)..(305)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (307)..(308)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (310)..(310)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (313)..(313)
 <223> n is a, c, g, or t
 <220>

```

<221> misc_feature
<222> (321)..(321)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (323)..(326)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (332)..(332)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (334)..(336)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (338)..(339)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (341)..(347)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (349)..(349)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (352)..(353)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (357)..(358)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (364)..(364)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (366)..(366)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (369)..(370)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (372)..(373)
<223> n is a, c, g, or t

```

<220>
<221> misc_feature
<222> (375)..(377)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (379)..(379)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (382)..(382)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (384)..(384)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (386)..(386)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (390)..(390)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (394)..(394)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (399)..(399)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (405)..(405)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (410)..(411)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (413)..(413)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (418)..(418)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (423)..(423)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (429)..(429)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (434)..(434)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (437)..(440)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (444)..(444)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (446)..(446)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (449)..(450)
<223> n is a, c, g, or t

<400> 60
annnncgatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gattttttacc 60
anaatcatta ggggattnat cagctnaatg catgcncnac cattgcctcn gctgtttgca 120
accngntaag gngcattcat ntgcataatg tgctgcnanc aatctggctg agnagacaag 180
cncactccca tganacgcat cgcgcattat tntacgtgaa ancggatnna anggntggnt 240
aaaccnanga nccnncgccg antatnnttc cncctgncann ctnanntngn ctngnacnga 300
nnnncnanncn acncctcttt nttnnnnttcc gntnnngnng nnnnnnnntng tnntccnncc 360
tgtntncann tnncnnngnt cntncncccn tctntccant gccanttgtn ncnaggtncg 420
atntctgcng accnacnnnn tagnanccnn 450

<210> 61
<211> 212
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (2)..(2)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (6)..(6)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (206)..(212)

<223> n is a, c, g, or t

<400> 61

gnaaancccg ccggacatcc cggatccggg atcatatgac aagatgtgta tccaccttaa 60

cttaatggat ttttaccaa atcattagg gattcatcag gcggtagcgt gcttttttct 120

gcttaactta accagacaat cacacaaaag agtcgctagt ggaaaagcca tttcgaaaaa 180

tcctgggtcat aaagatgcga tatccnnnnn nn 212

<210> 62

<211> 333

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (7)..(7)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (19)..(19)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (24)..(24)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (32)..(32)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (38)..(38)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (55)..(55)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (65)..(65)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (89)..(89)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (131)..(131)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (138)..(138)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (141)..(141)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (165)..(165)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (167)..(167)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (186)..(186)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (195)..(195)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (199)..(199)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (201)..(202)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (204)..(205)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (208)..(208)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (214)..(214)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (225)..(225)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (227)..(227)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (233)..(234)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (239)..(239)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (252)..(252)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (257)..(257)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (260)..(261)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (265)..(265)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (269)..(270)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (275)..(275)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (277)..(279)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (281)..(281)

```

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (286)..(286)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (288)..(288)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (290)..(290)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (293)..(293)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (295)..(295)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (298)..(298)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (300)..(300)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (305)..(305)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (318)..(319)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (321)..(321)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (324)..(324)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (326)..(326)
<223> n is a, c, g, or t
<220>

```

<221> misc_feature
<222> (329)..(329)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (331)..(332)
<223> n is a, c, g, or t

<400> 62
aacgctnccg atccggatna tatnaacaga tntgtatnca ccttatctta atganatttt 60
accanaatca tattggggat atcatatang ggctgcccc tttttccagc ccctactgca 120
ttgatatttt ntcttcgntg natggctggt acgcatctac ataantnttg acgatcacccg 180
gtgacntaat aaaanaggnc nnanncantg ccantcccag caatncntgg ttngtggnng 240
cggacggtgc tnccatngcn ngacncacnn aaccnannnc natgangntn ccncnganan 300
tgganatcat cctgcaannc nacngnatnc nna 333

<210> 63
<211> 284
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (3)..(3)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (88)..(88)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (90)..(90)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (108)..(108)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (118)..(118)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (179)..(180)
<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (182)..(182)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (184)..(184)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (187)..(188)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (215)..(219)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (222)..(222)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (227)..(228)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (230)..(230)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (236)..(237)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (239)..(240)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (242)..(243)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (245)..(245)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (253)..(253)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (256)..(256)
<223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (258)..(260)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (265)..(267)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (269)..(272)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (274)..(274)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (277)..(277)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (284)..(284)
 <223> n is a, c, g, or t

<400> 63
 cgncgcatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gatttttacc 60
 aaaatcatta ggggattcat cagcgatnan ctgcaataag cagaaccncc tttttggntt 120
 aatatgtcct tacaaataga aatgggtcct tacacttatt taagattttt cctatatcnn 180
 cncncnngt actagtcgac gcgtggccat ttatnnnnna tntcctnntn gtctcnngnn 240
 cnnncgcgg ccncancnnn atatnnntnn nncnctncac tctn 284

<210> 64
 <211> 420
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (381)..(382)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (384)..(387)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (412)..(412)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (414)..(415)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (418)..(418)
<223> n is a, c, g, or t

<400> 64
aaccgatcc gggatcatat gacaagatgt gtatccacct taacttaatg atttttacca 60
aatcattag gggattcatc agggctgggt tggcaatggt gtctacgttt ctggtgtgca 120
gcgtgagtat gatgcgttta ttaccaacca gttacgtgcg gcgcagacgc aaagtagcgg 180
tctgactgcc cgctatgagc agatgtcgaa aatcgacaat atgctctcca ccagtacctc 240
ttcgtggca acacagatgc aggatttctt caccagcctg caaacgctgg tgagtaacgc 300
ggaagacccg gcagcgcgcc aggcgctgat tgggaaatca gaaggattgg tgaatcagtt 360
taaaaccacc gatcaatatc nnnnnnnccc gtactagtcg acgcgtggcc anannatnct 420

<210> 65
<211> 283
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (6)..(6)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (14)..(14)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (160)..(160)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (170)..(170)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (233)..(233)
<223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (235)..(236)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (239)..(239)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (241)..(241)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (267)..(268)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (270)..(270)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (272)..(272)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (274)..(274)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (283)..(283)
 <223> n is a, c, g, or t

<400> 65
 atacngatc cggntcatat gacaagatgt gtatccctt aacttaatga tttttaccaa 60
 aatcattagg ggattcatca ggcttacgcc tgcttttgcg ttgttgatgg catcacggat 120
 cccgcttaac gatgagtttag ccgcgctgat atcaatggtg atcgtactan tcgacgcgtg 180
 gccatgaatg gtgagtttac tgtcgctggt ggcgatcgcc gttttcatat cgncnnttnc 240
 ngtactagtc gacgcgtggc caaattntn tnanaaaaat tcn 283

<210> 66
 <211> 334
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<400> 66
 aacggttacc ggatccggga tcatatgaca agatgtgtat ccaccttaac ttaatgattt 60

Untitled.ST25.txt

ttacccaaat cattagggga ttcatacagcg cgcgatatcg attttgccag tgaacttaaa	120
aaagtcatgc aacgtggacg ggatgcaacc agtgtggttg cactgacgat gacctcaacg	180
caacacattc cggcgcaggc gctgacgcct cctaccgcag aactgcaata ccgtattccg	240
gaccagcctt cgcttgacgg taataccgtc gatatggatc gcgaacgcac ccagtttgcc	300
gataacagcc tgcaatacca gatgagcctt agcg	334

<210> 67
 <211> 272
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<400> 67 cgntaccgga tccgggatca tatgacaaga tgtgtatcca ccttaactta atgattttta	60
ccaaaatcat taggggattc atcagcacga cgcgttgctg cgctttgtcg tcagcggcaa	120
cctgatgcga atgccagtag ctgtaacctg cgctggcaca ggccgcgagg gtaatgaata	180
ccagaatcgg gatccaaagc gatcgcttgc ttttcttgct tatcgcgtaa tcagtcatgt	240
gttgcggtct tcctgtgtcg ctactgctta tc	272

<210> 68
 <211> 394
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (242)..(242)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (253)..(253)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (272)..(272)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (286)..(286)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (288)..(288)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (302)..(302)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (316)..(316)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (318)..(319)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (331)..(331)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (334)..(334)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (342)..(342)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (352)..(352)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (357)..(357)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (359)..(359)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (364)..(365)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (368)..(368)
<223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (374)..(375)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (377)..(378)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (382)..(382)
 <223> n is a, c, g, or t

<400> 68
 aaacgaccgg atccgggatc atatgacaag atgtgtatcc accttaactt aatgattttt 60
 accaaaatca ttaggggatt catcagcgct aagtgtgtga agcttttttt ccaaatacca 120
 tgctgccgat gaccataaag ttgcgatatt ttcacccgtg caggtaaaca acgtaccagc 180
 agcgccacca tccactgatc cgtaagatta atgaccaggt cataattatt cgcacgcaga 240
 gnttttatca acnaagcac atttttaatt tnatcgaaag ttcccnccnc tttattgctt 300
 ancccataga gcgcantnnt ttccgggttt ncanacaaaa tntggatggt gncctgncna 360
 agcnncangt ctanntnngc tntatgagaa tctg 394

<210> 69
 <211> 392
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (152)..(152)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (157)..(157)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (159)..(159)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (164)..(164)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (170)..(170)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (199)..(199)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (214)..(214)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (231)..(231)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (242)..(242)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (244)..(244)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (259)..(259)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (266)..(266)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (271)..(271)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (277)..(277)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (287)..(288)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (294)..(294)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (302)..(302)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (307)..(308)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (321)..(321)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (324)..(324)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (326)..(326)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (334)..(335)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (340)..(340)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (344)..(344)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (346)..(347)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (351)..(353)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (358)..(358)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (360)..(360)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (364)..(364)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (371)..(371)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (375)..(376)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (378)..(379)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (387)..(387)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (392)..(392)

<223> n is a, c, g, or t

<400> 69

aaacgaccgg atccgggatc atatgacaag atgtgtatcc accttaactt aatgattttt 60

accaaaatca ttaggggatt catcagagtt ttacccgttt cggtacgctg cgttcgctca 120

gaatcggcgc ggtggagatc atcgccagct cncgcantna cggncagaan tacaggttta 180

accaggatag ccattgttng cttgccacct gcancatagt acggttacct natgatttac 240

tngnaggtta gtgaacaang tgcggncagt nattcancaa cacattnngc atgntctgtc 300

tnggcannta ttttggtgat naananggcc gatnnttttn cgantnnccg nnntgggntn 360

cttnttcacn nagtnncnna tgggcgngta tn 392

<210> 70

<211> 482

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (5)..(5)

<223> n is a, c, g, or t

<400> 70

tacgnccgat ccgggatcat atgacaagat gtgtatccac cttaacttaa tgattttttac 60

caaaatcatt aggggattca tcagggctgc gccccttttt ccagcgcctc ctgcattgat 120

attttctctt cgctgaatgg ctggtacgca tctacataaa ttttgtcgat caccggtgac 180

ataataaaaa aggtcaaaaa cagtgccagc cccagcaata cctgggtagg tggcgcggag 240

ggtgttccca gcgcgttacg caataaacca aaaacaatga tgatgcgggt gaaactggtc 300

Untitled.ST25.txt

atcatcagta aaattgccgg aataaacgtc aacgaggtga tgaacaccag cgtctgcacc	360
gggagcgcacc agctttgtcc accgccaggc agcggctggc tggtgatacc cggcagttgc	420
gcgaaggcga ggggcgtaat cagccagaga aggacaggtg cgacagacaa taaacgacgc	480
at	482

<210> 71
 <211> 225
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (134)..(134)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (195)..(196)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (198)..(201)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (203)..(204)
 <223> n is a, c, g, or t

<400> 71	
gngnaaaaac gtnccggatc cgggatcata tgacaagatg tgtatccacc ttaacttaat	60
gattttttacc aaaatcatta ggggattcat caggatgggtg tcctgataaa gcagcatatc	120
gattttttgca tcangataat tctgcttgag cgtactgatg acaggagtag ttaataacat	180
atcccatga tatcnnnnnn ncnngtacta gtcgacgcgt ggcca	225

Untitled.ST25.txt

<210> 72
 <211> 350
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<400> 72
 cgncggatc cgggatcata tgacaagatg tgtatcccct taacttaatg atttttacca 60
 aaatcattag gggattcatc agcctggtgc ctggaatgcc gaacctggta tttttgctgt 120
 tcaactgccg attgctcggg ctggcctggt ggatacgcgg acgcgaacaa aaagcgctg 180
 ccgaacccaa accggtaaaa atggcagaga ataataccgt tgtcgaagcg acgtggaacg 240
 atgtacaact ggaagattct ctgggaatgg aagtgggtta tggactgac ccgatggctg 300
 atttccagca ggatggtgag ttgttgggcc gtatacgcag tatccgcaag 350

<210> 73
 <211> 380
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (380)..(380)
 <223> n is a, c, g, or t

<400> 73
 acgtncggga tccgggatca tatgacaaga tgtgtatcca ccttaactta atgattttta 60
 ccaaaatcat taggggattc atcagcctgg tgccctggaat gcccgaaact ggtatttttg 120
 ctgttcactg ccggattgct cgggctggcc tgggtggatac gcggacgcga acaaaaagcg 180
 cctgccgaac ccaaaccggt aaaaatggca gagaataata ccgttgtcga agcgacgtgg 240
 aacgatgtac aactggaaga ttctctggga atggaagtgg gttatcgact gatcccgatg 300
 gtcgatttcc agcaggatgg tgagttggtg ggccgtatac gcagtatccg caagaaattt 360
 gcccgaggaga tgggataten 380

<210> 74
 <211> 287
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (3)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (165)..(165)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (168)..(168)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (171)..(171)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (196)..(203)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (205)..(206)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (208)..(209)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (215)..(216)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (222)..(223)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (225)..(225)
 <223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (229)..(229)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (231)..(231)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (234)..(234)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (236)..(236)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (238)..(238)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (244)..(244)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (248)..(249)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (251)..(251)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (253)..(253)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (255)..(256)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (258)..(258)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (261)..(261)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (263)..(263)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (268)..(268)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (270)..(270)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (275)..(276)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (280)..(280)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (285)..(286)
<223> n is a, c, g, or t

<400> 74
ntnnnaaaac acgccggaca tccggatccg ggatcatatg acaagatgtg tatccacctt 60
aacttaatga tttttaccaa aatcattagg ggattcatca gcgctttgcc cgccattttc 120
gtatggggct gttcaacctg ctgcgtcgta gcccggatat atccnccngg ngcgtagtag 180
tcgacgcgtg gccaannnnn nnnnncnnc tagcnntaaa annngcatna nccnncnca 240
caancacna ngnanncntt ncnaaacnan cgtannatan ccccnnc 287

<210> 75
<211> 152
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(2)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (116)..(116)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (127)..(127)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (137)..(137)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (139)..(139)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (142)..(142)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (145)..(145)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (148)..(148)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (150)..(150)
 <223> n is a, c, g, or t

<400> 75
 nnaaagcccg ccggacatcc cggatcgga tcatatgaca agatgtgtat ccaccttaac 60
 ttaatgattt ttacaaaat cattagggga ttcatacagcg caaagcctgc tttganatcc 120
 gtaaagngcg gactaancna cncnggnchn aa 152

<210> 76
 <211> 450
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (202)..(202)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (204)..(205)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (207)..(210)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (234)..(234)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (236)..(236)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature.
 <222> (238)..(238)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (244)..(244)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (246)..(246)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (251)..(252)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (255)..(256)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (258)..(258)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (277)..(277)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (281)..(282)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (284)..(284)

```

<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (290)..(290)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (292)..(294)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (301)..(301)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (306)..(308)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (313)..(313)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (316)..(316)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (318)..(318)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (325)..(325)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (327)..(328)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (332)..(333)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (341)..(342)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (349)..(350)
<223> n is a, c, g, or t

<220>

```

<221> misc_feature
<222> (352)..(352)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (354)..(355)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (359)..(359)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (361)..(361)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (365)..(368)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (371)..(373)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (377)..(377)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (380)..(380)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (386)..(386)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (389)..(390)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (392)..(392)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (396)..(396)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (399)..(399)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (401)..(402)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (408)..(409)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (411)..(411)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (413)..(413)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (417)..(418)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (421)..(421)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (423)..(424)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (426)..(426)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (429)..(429)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (431)..(431)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (437)..(437)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (448)..(448)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (450)..(450)

<223> n is a, c, g, or t

<400> 76

```

gngaaaaaaa cgnaccggat ccgggatcat atgacaagat gtgtatcccc ttaacttaat      60
gatttttacc aaaatcatta ggggattcat cagggttaaa tccattaact cgcgcatcat      120
ttattattac cgaagatctc actcccacaa ttagccttga agattattgt gccgattggg      180
cagtcaaccc gcctgatatc cngnncnnnn gtactagtcg acgcgtggcc atanantnag      240
ctcntnctac nncnncntc ctatccaccc gtggctncag nnancattcn gnnnacacca      300
nttacnnncc agnccnctc ccccnngnct cnnctactca nnaacttcann anannatgnc      360
nttcnnnngc nnntcgntcn cccacnacnn cntttnttnc nncctctnnc nanctcnccc      420
ntnnncntnt nattccnctt ttaccctnan                                         450

```

<210> 77

<211> 400

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (2)..(3)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (9)..(9)

<223> n is a, c, g, or t

<400> 77

```

gnngaacgnc ggatccggga tatatgacaa gatgtgtatc caccttaact taatgatttt      60
taccaaaatc attaggggat tcatcagcac tttgcattga ttgcagtatg gacatcagat      120
ccatcggcgt agcgcaccagc gcattgagcg cgcgcaccac gttattgagg ctggcgctgg      180
aacgtacgct ttgcagcgaa ccgccgctct ggcgtaaatc gatctgcgtt tgtggagttaa      240
ccacagtctg tccaccacca aacggtgtat ctggctggct gacattggcc tgacgattaa      300
ctgttactga gagattcccc tgcgctaccg cgcagctgtc gagggtcact tcgcgattca      360
tcaccaccga accggtgcgc gagttaatca ctacttttagc                               400

```

<210> 78

<211> 450

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (155)..(155)
 <223> n is a, c, g, or t

<400> 78
 tngnaaaaac gtnccggatc cgggatcata tgacaagatg tgtatccacc ttaacttaat 60
 gatttttacc aaaatcatta ggggattcat cagggtcagg tctggattta agttccatcc 120
 ttgatagcct caccgccgcg caaaaagcga cgctnacccc catttcaa at cagcaatcgt 180
 cgttttaccgc taaacttagc gcctacggta cgctgaaaag cgcgctgacg actttccaga 240
 ccgccaatac tgcattgtct aaagccgatc ttttttccgc caccagcacc accagcagca 300
 ccaccgcgtt cagtgccacc actgcgggta acgccatcgc cgggaaatac accatcagcg 360
 tcacccatct ggcgcaggcg caaacctga ccacgcgcac caccagagac gatacgaaaa 420
 cggcgatcgc caccagcgc agtaaactca 450

<210> 79
 <211> 397
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (1)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (4)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (22)..(22)
 <223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (24)..(24)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (26)..(27)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (32)..(32)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (36)..(36)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (89)..(89)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (93)..(93)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (157)..(157)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (166)..(166)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (241)..(241)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (284)..(284)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (303)..(303)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (311)..(311)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (316)..(316)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (319)..(319)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (327)..(328)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (331)..(331)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (340)..(340)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (359)..(359)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (363)..(363)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (374)..(374)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (379)..(379)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (382)..(382)
<223> n is a, c, g, or t

<400> 79
nnannaacaa tacgtcccaa gnananntga cnagangtgt atccacctta acttaatgat 60
ttttaccaa atcattaggg gattcatcng ggnccggtct ggatttaagt ttccatcctt 120
gatagcctca ccgccgcgca aaaagcgacg ctaaccncca tttcanatca gcaatcgctg 180
tttaccgcta aacttagcgc ctacggtacg ctgaaaagcg cgctgacgac tttccagacc 240
nccaatactg cattgtctaa agccgatctt ttttccgccca ccancaccac ctgcagcacc 300
acngcggttca ntgcncnc tgcgggnnac nccatcgccn ggaaataccc cattaccgnt 360
cancatctg gcanatgcng cnaacccttg aacacgc 397

Untitled.ST25.txt

<210> 80
 <211> 331
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<400> 80
 aaaacgtccg gatccgggat catatgacaa gatgtgtatc caccttaact taatgatttt 60
 taccaaaatc attaggggat tcatcagcgc tcaatctgcg cgcccagcgt caggaagtgc 120
 tggcagcaaa catcgccaat gccgataccc ctggttatca ggcgcgcgat atcgattttg 180
 ccagtgaact taaaaaagtc atgcaacgtg gacgggatgc aaccagtgtg gttgcactga 240
 cgatgacctc aacgcaacac attccggcgc aggcgctgac gcctcctacc gcagaactgc 300
 aataccgtat tccggaccag ccttcgcttg a 331

<210> 81
 <211> 276
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (146)..(146)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (151)..(151)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (153)..(156)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (158)..(158)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (160)..(164)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (166)..(166)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (221)..(221)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (229)..(229)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (233)..(234)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (253)..(254)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (256)..(256)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (258)..(261)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (263)..(263)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (266)..(266)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (270)..(270)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (272)..(273)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (276)..(276)
<223> n is a, c, g, or t

<400> 81
ataaaaacggn taccggatcc gggatcatat gacagatgtg tatccacctt aacttaatga 60
tttttaccaa aatcattagg ggattcatga gggcgctgtt tccacagccc ttttaacggt 120

Untitled.ST25.txt

tcaggcatta atatccagca cagtgnccct ngnnnnncn nnnncntcca ctgattcaac	180
tgcagcttcc agctaataatc aatatcttcg gtgatcatat nagtccacnc ggnnctagtc	240
gacgcgtggc kannantnnn ncntttnttn tnnctn	276

<210> 82
 <211> 264
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (211)..(214)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (216)..(219)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (241)..(241)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (243)..(244)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (246)..(246)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (248)..(249)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (253)..(253)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (257)..(257)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (259)..(260)
 <223> n is a, c, g, or t

<220>

Untitled.ST25.txt

<221> misc_feature
<222> (263)..(264)
<223> n is a, c, g, or t

<400> 82
tttaaaaacc ggttaccgga tccgggatca tatgacaaga tgtgtatcca ccttaactta 60
atgattttta ccaaaatcat taggggattc atcagtgccg ggcgtctttt ccggccattg 120
tcgcagcact gtaacgcgta aaatagtgtt ttctcttact cttctggctg gaccatgaga 180
cttctgattc tgactctttc attaatatcc nnnncnnng tactagtcga cgcgtggcca 240
nannantnt atntttnann acnn 264

<210> 83
<211> 242
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (21)..(21)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (168)..(169)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (173)..(175)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (199)..(199)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (201)..(201)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (204)..(204)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (206)..(206)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (208)..(208)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (214)..(214)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (216)..(216)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (229)..(231)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (234)..(234)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (237)..(237)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (239)..(240)

<223> n is a, c, g, or t

<400> 83

ttgaaaaccg ctccggatcc nggatcatat gacaagatgt gtatccacct taacttaatg 60

atTTTTacca aaatcattag gggattcatc agcgTTaaat tggcatcgtc atcgcggcag 120

caagttgatt attacgtaat gcctgcacgt aattctgtgg gatatccnnc ccnnncgtac 180

tagtcgacgc gtggccatnt nactnncgc aatncnttct gacacttcnn nttncntnn 240

at 242

<210> 84

<211> 338

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (3)..(4)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (15)..(15)

<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (176)..(176)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (180)..(180)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (183)..(183)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (188)..(188)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (207)..(207)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (220)..(220)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (223)..(223)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (226)..(226)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (234)..(234)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (236)..(236)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (241)..(241)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (245)..(245)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (274)..(274)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (283)..(283)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (285)..(285)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (291)..(291)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (296)..(296)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (311)..(312)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (316)..(316)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (322)..(322)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (327)..(327)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (333)..(333)

<223> n is a, c, g, or t

<400> 84

gcnnngcggt aacgnccgga tccgggatca ttgacaagat gtgtatccac ctttaacttaa 60

tgatttttac caaaatcatt aggggggattc atcagagtta agtgtgacag tgggagttaa 120

gtagccaga ggtacaaaca gatcatccag agacggcgga gttaagcaaa ccacancctn 180

cgnatggncg atttcaactt attaacncgt ttcgatgccn tgntgnagga gccnancatt 240

nttcncagcc cgctcatcgc cctgggaacc ttcnccccc ctncnttcct ntgctngcct 300

tggggccccc nncacncaac gnagacnggg ccnatccc 338

<210> 85

<211> 259

<212> DNA
 <213> artificial
 <220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (91)..(91)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (95)..(95)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (97)..(97)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (100)..(100)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (102)..(102)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (104)..(106)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (111)..(111)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (115)..(115)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (117)..(117)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (146)..(146)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (208)..(208)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (210)..(210)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (230)..(230)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (232)..(232)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (241)..(243)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (246)..(250)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (254)..(254)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (256)..(258)
<223> n is a, c, g, or t

<400> 85
aaccgtaccg gatccgggat cattgacaag atgtgtatcc accttaactt aatgattttt 60
acccaaatca ttaggggggat tcatcagtgc nacgncnctn tnannnccat ngatntngca 120
ctgtaacgcg ctaaataacg cttgtntctt actcttcttg ctggaccatg agacttctga 180
ttctgactct ttcattaata tccccccnccn ccgtactagt cgacgcgtgn cnatattatg 240
nnnccnnnnn ctantnnnc 259

<210> 86
<211> 250
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (2)..(3)
<223> n is a, c, g, or t

<400> 86
cnccggatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gatttttacc 60

Untitled.ST25.txt

aaaatcatta ggggattcat cagaggcaag tgtcaataat ctgacgagca agttttatttc	120
gttccattag ctacctctct ctgattcaaa acagggcaat aatgttggtc ctttcacact	180
attgaattag ccgtttaatt acccaccatc ttcttcctga ttaacaagaa agaaattcac	240
aagcttatat	250

<210> 87
 <211> 390
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<400> 87	
aacgnccgat tccggatcat atgacaagat gtgtatccac ctttaacttaa tgattttttac	60
caaaatcatt aggggattca tcagccagat gcgttcctga ccctcaagtg agacttcattg	120
acgctgggta ctgtcggaaa aatcagtga agcccaggag acaccgtact tacgccgctc	180
attttgatac cagcgaacat aagcctgagc actgttgctt gtaacaccat ttttcattgc	240
ccgtaatgga acgcggtgag agaggcggtc cagttgcgaa ccaatacgcc agttatcatt	300
aaaatcatat cagccagaca ggcgcgcgcc ggggtttatgc tcatgattga aaacgcggtc	360
agcgtactct gcctcgagcc agatattacg	390

<210> 88
 <211> 314
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (5)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (139)..(139)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (141)..(141)
 <223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (144)..(144)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (149)..(149)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (153)..(155)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (157)..(157)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (162)..(162)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (170)..(170)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (176)..(176)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (178)..(178)
 <223> n is a, c, g, or t

<400> 88
 aacgnnccgg atccgggatc atatgacaag atgtgtatcc accttaactt aatgattttt 60
 accaaaatca ttaggggatt catcagtgcc caggggttttc accttgcaat ggccgggtat 120
 aaacaggcag gaaattgana ncantgagnc atnnncnacg anaccaattn ctggcntngc 180
 cgggcattat ctttttaatt ctctttccca tcattctttc gctatggatt gccttccttt 240
 gggcaaaatc agaagtgaat aatcagctcc gaacctttgc tcaactggca ctggataaat 300
 ccgagctggt catt 314

<210> 89
 <211> 432
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

<400> 89
 cncgccggac atccggatcc gggatcatat gacaagatgt gtatccacct taacttaatg 60
 attttttacca aaatcattag gggattcatc aggtgacagt tagcgcgccc ggataatttt 120
 cactctccag gtggctgtaa aagagatccg caagttcttc atcggataaa tccggggcaa 180
 tggctctcctt gtgataaaag agctcgggtca ttattgactg tgcttttttc ggctgatgat 240
 ctttgagata agccgatgca acccaatatt gcccccaggg cggaataatt tgccccgtct 300
 tttttaatcg ctgatagtga gaaataacgt ctttataacg atcgcgagtt aataacgcgc 360
 caagatgadc aacctgaata cgctgggtact gggcagtgcg gtctgggtta tcgtgccaca 420
 gaattttctaa tg 432

<210> 90
 <211> 209
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (89)..(89)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (95)..(95)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (99)..(99)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (110)..(110)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (112)..(112)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (121)..(122)
 <223> n is a, c, g, or t

<220>

Untitled.ST25.txt

<221> misc_feature
<222> (136)..(136)
<223> n is a, c, g, or t

<400> 90
aaacgaccgg accggatcat atgacaagat gtgtatccac cttaacttaa tgatttttac 60
caaaatcatt aggggattca tcagtgccng gcgtntttnc cggccattgn cncagcactg 120
nnacgcgtaa aatagnctt tctcttactc ttctggctgg accatgagac ttctgattct 180
gactctttca ttaatatccc ccccccccg 209

<210> 91
<211> 450
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(1)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (4)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (11)..(11)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (200)..(200)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (205)..(205)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (208)..(208)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (210)..(210)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (214)..(214)
<223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (419)..(420)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (427)..(428)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (431)..(431)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (434)..(434)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (439)..(439)
 <223> n is a, c, g, or t

<400> 91
 ngannatacg nccgatccgg gatcatatga caagatgtgt atcccccttaa cttaatgatt 60
 tttacaaaaa tcattagggg attcatcagg ttgaaacatc ttataagggg tggcaaaact 120
 caccgggggat gcaagcgaaa cagggggagtc attgcttaga tgatgacagg taatggcgcg 180
 gatatcgaat gttatgcaan caganaanan cagnctgttc aaatggctgt gcgattctgg 240
 atagcccgaa atagtcaact tcaggctatc cagagagcgg aattattccg ccaaagtgcg 300
 tttttgctgt tcgagatcgc gttcaatgcc gtcacgaaca tcctggggga ttttcagcgc 360
 gtcacccagt gcattcaggt aactgcgttc cataaaatgg tcaatatcaa tagccgcggn 420
 actaatnnac ncgnggccna gcgcctcttc 450

<210> 92
 <211> 469
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (378)..(378)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (442)..(442)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (446)..(449)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (451)..(451)
<223> n is a, c, g, or t

<400> 92
cgncgcgcatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gatTTTTacc 60
aaaatcatta ggggattcat cagtgccgac ggtcttttga gcgtagacggc gatggagaaa 120
tccaccggcg ttgaggcgtc tattcaggtc aaaccgtctt acggtctgac cgatagcgaa 180
atcgcttcga tgatcaaaga ctcaatgagc tatgccgagc aggacgtaaa agcccgaatg 240
ctggcagaac aaaaagtaga agcggcgcggt gtgctggaaa gtctgcacgg cgcgctggct 300
gctgatgccg cgctgttaag cgccgcagaa cgtcaggta ttgacgatgc tgccgctcac 360
ctgagtgaag tggcgcanng cgatgatgtt gacgccatcg aacaagcgat taaaaacgta 420
gacaaacaaa cccaggatat cncnnnnnc ngtagtagtc gacgcgtgg 469

<210> 93
<211> 212
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(1)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (134)..(143)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (167)..(167)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (170)..(175)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (177)..(180)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (182)..(188)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (190)..(195)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (198)..(199)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (201)..(203)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (205)..(209)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (211)..(211)
<223> n is a, c, g, or t

<400> 93
ngaaaaacgt ccggatccgg gatcatatga caagatgtgt atccacctta acttaatgat 60
ttttaccaa atcattaggg gattcatcag ctccgcgccc tggtttttaa cattaccac 120
cgcgcgcgat atcnnnnnnn nnngtactag tcgacgcgtg ggccaantan nnnnnncnnnn 180
tnnnnnnntn nnnnnncgnnt nnnnnnnnnc nc 212

<210> 94
<211> 290
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (270)..(271)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (273)..(273)
<223> n is a, c, g, or t

<220>

Untitled.ST25.txt

<221> misc_feature
<222> (288)..(288)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (290)..(290)
<223> n is a, c, g, or t

<400> 94
aaaaaccgtt accggatccg ggatcatatg acaagatgtg tatccacctt aacttaatga 60
tttttaccaa aatcattagg ggattcatca gagttaagtg tgacagtgga gttaagtatg 120
ccagaggtac aaacagatca tccagagacg gcggagttaa gcaaaccaca gctacgcatg 180
gtcgatctca acttattaac cgttttcgat gccgtgatgc aggagcaaaa cattactcgt 240
gccgctcatg ttctgggaat atccccccn ncngtactag tcgacgcngn 290

<210> 95
<211> 269
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<400> 95
aaaaaccgtt accggatccg ggatcatatg acaagatgtg tatccacctt aacttaatga 60
tttttaccaa aatcattagg ggattcatca gagttaagtg tgacagtgga gttaagtatg 120
ccagaggtac aaacagatca tccagagacg gcggagttaa gcaaaccaca gctacgcatg 180
gtcgatctca acttattaac cgttttcgat gccgtgatgc aggagcaaaa cattactcgt 240
gccgctcatg ttctgggaat atccccccc 269

<210> 96
<211> 404
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (2)..(2)
<223> n is a, c, g, or t

<400> 96
cncgccggac atccggatcc gggatcatat gacaagatgt gtatccacct taacttaatg 60
atttttacca aaatcattag gggattcatc aggtgacagt tagcgcgccc ggataatttt 120
cactctccag gtggctgtaa aagagatccg caagttcttc atcggataaa tccggggcaa 180
tggtctcctt gtgataaaag agctcggta ttattgactg tgcttttttc ggctgatgat 240

Untitled.ST25.txt

ctttgagata agccgatgca acccaatatt gccccaggg cggaataatt tgccccgtct 300
 tttttaatcg ctgatagtga gaaataacgt ctttataacg atcgcgagtt aataacgcgc 360
 caagatgatac aacctgaata cgctgggtact gggcagtgcg gtct 404

<210> 97
 <211> 291
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (99)..(99)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (131)..(131)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (154)..(154)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (156)..(156)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (162)..(162)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (204)..(204)
 <223> n is a, c, g, or t

<400> 97
 aaaaaccgtt accggatccg ggatcatatg acaagatgtg tatccacctt aacttaatga 60
 tttttaccaaa aatcattagg ggattcatca ggagctggng cgttttctcc ccacggccag 120
 tggcggttcac natagaccca gaaatagacg ccgncnacaa tncacataat ggacataaaa 180
 aacggccaga agaaaacgaa cctnatcatc agttcaccga gtgaaagtac gctacgcata 240
 ggggtatgca taacaccaga cataatataa aaaacgatac gatgcgatta a 291

<210> 98
 <211> 400
 <212> DNA
 <213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (9)..(9)
<223> n is a, c, g, or t

<400> 98
gagatacgnc cggatccggg atcatatgac aagatgtgta tccaccttaa cttaatgatt 60
tttaccaaaa tcattagggg attcatcagt gtcaccct ggcccggatg ctggctttca 120
tgtattcgat gttgatggcc gttttgttct tgcgtggatg ctgtttcaag gttcttacct 180
tgccggggcg ctcggcgatc agccagtcca catccacctc ggccagctcc tcgcgctgtg 240
gcgcccccttg gtagccggca tcggctgaga caaattgctc ctctccatgc agcagattac 300
ccagctgatt gaggtcatgc tcgttggccg cggtggtgac caggctgtgg gtcaggccac 360
tcttggcatc gacaccaatg tgggccttca tgccaaagtg 400

<210> 99
<211> 434
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (3)..(3)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (145)..(146)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (148)..(148)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (150)..(150)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (158)..(158)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (230)..(230)


```

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (234)..(235)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (241)..(241)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (244)..(244)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (247)..(248)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (262)..(262)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (265)..(268)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (270)..(270)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (272)..(274)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (277)..(279)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (282)..(284)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (287)..(288)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (290)..(290)
<223> n is a, c, g, or t

<220>

```

<221> misc_feature
 <222> (292)..(293)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (295)..(295)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (303)..(303)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (309)..(311)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (315)..(316)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (318)..(318)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (323)..(323)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (326)..(326)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (330)..(330)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (333)..(333)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (336)..(336)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (338)..(338)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (340)..(344)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (346)..(346)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (351)..(351)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (361)..(362)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (367)..(367)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (372)..(373)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (376)..(377)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (381)..(381)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (386)..(387)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (390)..(390)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (393)..(393)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (395)..(396)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (401)..(401)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (404)..(404)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (407)..(410)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (414)..(415)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (418)..(418)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (420)..(420)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (422)..(422)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (427)..(428)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (432)..(432)
<223> n is a, c, g, or t

<400> 99
cgncgcatcc gggatcatat gacaagatgt gtatccacct taacttaatg atttttacca 60
aatcattag gggattcatc aggatgaatt acgggcatg acagagtcac tacctgaaaa 120
tgcacatcag caacaatatc ccacnnantn gtactagncg acgcgtggcc atcaacttgc 180
tgccgcgatt gacgatgcc aattaacgcc agatattcgc gctgatattn ctanncgacg 240
ngcnggnnga cgcgtggcca angcnnnnn tnnctnnna annntgnnn gnnncnctggc 300
tgntgtccnn nctgnnancg ccncanaacn tcntgncntn nnnnangctg ncgtccctta 360
nngaagnggc cngngnaat natgttnnacn ccntnnccaa ncgnttnnnn actnnacnan 420
cnacccnnga tntc 434

<210> 100
<211> 250
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (156)..(157)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (161)..(161)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (188)..(189)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (192)..(194)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (198)..(199)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (206)..(206)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (215)..(215)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (221)..(221)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (231)..(231)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (236)..(245)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (248)..(248)
 <223> n is a, c, g, or t

<400> 100
 cacggatccg ggatatatga caagatgtgt atccacctta acttaatgat ttttaccaaa 60
 atcattaggg gattcatcag cgtaaattg gcatcgtaa tcgcggcagc aagttgatta 120
 ttacgtaatg cctgcacgta ttctgtggga tatccnnccc ncccgtaacta gtcgacgcgt 180

Untitled.ST25.txt

ggccatgna tnnccgna ttcattctga tgacnccccg ncagtttata natatnnnnn 240
nnnnngtnct 250

<210> 101
<211> 458
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (162)..(162)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (187)..(189)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (197)..(197)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (200)..(200)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (204)..(204)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (208)..(209)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (214)..(216)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (219)..(219)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (226)..(226)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (228)..(229)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (231)..(231)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (235)..(236)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (239)..(241)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (246)..(246)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (248)..(248)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (253)..(253)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (255)..(255)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (259)..(259)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (261)..(261)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (263)..(264)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (267)..(268)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (273)..(273)

<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (278)..(280)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (283)..(285)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (288)..(288)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (293)..(293)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (303)..(303)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (306)..(307)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (313)..(316)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (318)..(318)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (322)..(322)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (327)..(327)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (335)..(336)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (341)..(341)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (350)..(351)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (353)..(355)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (357)..(358)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (362)..(362)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (367)..(367)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (372)..(372)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (374)..(375)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (377)..(377)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (380)..(380)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (382)..(382)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (385)..(386)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (388)..(388)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (390)..(392)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (394)..(394)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (397)..(397)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (399)..(399)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (404)..(409)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (414)..(415)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (419)..(419)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (421)..(421)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (431)..(431)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (433)..(433)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (435)..(437)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (442)..(442)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (445)..(446)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (448)..(448)
<223> n is a, c, g, or t

Untitled.ST25.txt

```

<220>
<221> misc_feature
<222> (452)..(452)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (456)..(456)
<223> n is a, c, g, or t

<400> 101
aacgcaccgg atccgggagc attgacaaga tgtgtatcca ccttaactta atgattttta      60
ccaaaatcat tagggggattc atcagactga cgcgcccgcg aaaagggcgg attgtcctca    120
atggggcgggt actaaatgat gccgaaaaag gtatctgcct tnccgtacta gtcgacgcgt    180
ggccacnnnt tcattcnccn ctanctcnna agtnnnccna ctccgngnnc naccnnccnn    240
nccccntngc agnctgtgnc ncnacnncg gcnaccnnnn gannnecgnt cccccgccc      300
ctntcnncac ctnnnnangg cntaccngcc cctcnngctc ngttaccttn nttnntnncc    360
gnccccnctc ananncnccn tnacnngnch nncnatnctt cgcnnnnnna gtanncccnc    420
ntccccccac ncncnnnccg tnttnnchct tnaganct                               458

<210> 102
<211> 455
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (5)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (150)..(150)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (154)..(154)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (164)..(164)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (174)..(174)
<223> n is a, c, g, or t

<220>

```

<221> misc_feature
<222> (191)..(191)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (197)..(197)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (202)..(202)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (205)..(207)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (212)..(213)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (224)..(224)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (227)..(227)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (229)..(229)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (232)..(233)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (242)..(242)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (252)..(252)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (254)..(255)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (262)..(262)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (266)..(266)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (269)..(269)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (274)..(274)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (279)..(280)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (286)..(286)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (296)..(297)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (305)..(305)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (313)..(313)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (321)..(321)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (328)..(328)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (331)..(331)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (335)..(335)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (337)..(337)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (343)..(343)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (345)..(345)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (348)..(348)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (350)..(350)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (353)..(353)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (363)..(363)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (370)..(370)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (373)..(373)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (375)..(375)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (381)..(383)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (386)..(386)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (392)..(392)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (401)..(401)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (408)..(408)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (411)..(411)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (413)..(414)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (417)..(417)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (420)..(420)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (422)..(422)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (427)..(427)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (430)..(432)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (435)..(435)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (439)..(439)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (442)..(443)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (450)..(451)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (455)..(455)

<223> n is a, c, g, or t

<400> 102

```
aacgnaccgg atccgggatc atatgacaag atgtgtatcc accttaactt aatgattttt    60
accaaaatca ttaggggatt catcagactg acgcgcccgc aaaaagggcg gattgtcctc    120
aatgggcggg tactaaatga tgccgaaaaan ggtntcttgc ctgncccgtc ctantcgacg    180
cgtggccaac naacctnctt cntannntcg cnnttcccc ttcnvcnctt cnnccactcc    240
cngctgtccc tncnnccttc cncgcncnt accntcgttn ccttantcca cctgcnncta    300
tcccncggcc cgnccctccg ncccccnct ncaantngtt cangnacngn ccnccctcgc    360
ccnagcgctn ccngngccag nnnctnttca tntccctccc ngatccantc ncnncnttn    420
cncctnactn nccngtcnc tnnccccctn nttan                                455
```

<210> 103

<211> 300

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (2)..(2)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (158)..(158)

<223> n is a, c, g, or t

<400> 103

```
cncgaccggg atatatgaca agatgtgtat ccaccttaac ttaatgattt ttacaaaaat    60
cattagggga ttcacagagg tttcgctgtc cttttgtgct ttgttatgca ttttctgcgc    120
agattcactt tgcgaggcaa tatccatggc atcaaaaanaa tggcaactac ggcacgttgc    180
agagtcagtg gcttttaatt ctttccatac tgtttcggcc atttcctggc gatgagcttc    240
gaacttatcg tcaactgtcta ttttgccgct aacaaattca tgataaatat ctttagatgc    300
```

<210> 104

<211> 527

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (5)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (86)..(86)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (129)..(129)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (162)..(163)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (183)..(184)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (191)..(191)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (200)..(200)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (207)..(208)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (211)..(212)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (223)..(223)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (225)..(225)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (229)..(229)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
 <222> (231)..(231)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (237)..(237)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (239)..(241)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (247)..(247)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (250)..(250)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (253)..(254)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (256)..(256)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (264)..(265)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (269)..(272)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (280)..(281)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (287)..(287)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (291)..(291)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (296)..(297)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (304)..(304)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (311)..(311)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (319)..(319)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (322)..(322)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (332)..(332)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (337)..(338)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (343)..(343)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (363)..(363)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (369)..(369)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (372)..(372)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (374)..(374)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (378)..(378)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (388)..(388)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (397)..(397)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (403)..(404)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (408)..(410)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (418)..(418)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (425)..(428)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (433)..(435)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (437)..(437)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (445)..(445)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (448)..(448)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (455)..(455)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (457)..(457)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (463)..(463)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (465)..(465)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (468)..(468)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (471)..(473)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (477)..(477)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (482)..(482)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (485)..(485)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (488)..(489)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (491)..(491)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (495)..(496)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (498)..(498)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (501)..(501)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (503)..(503)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (505)..(505)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (507)..(507)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (509)..(509)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (511)..(511)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (514)..(514)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (525)..(525)

<223> n is a, c, g, or t

<400> 104

aaacnccgg atccgggatc atatgacaag atgtgtatcc accttaactt aatgattttt 60

accaaaatca ttaggggatt catcanggtt ttgacccatg acagataaac gcaaagatgg 120

ctcatgcana ttgctgtatt gctctttttg cggcaaaagc cncatgaag tgcgccagct 180

gannagccgg nccatccctn tatatcncc ncccctgtac ctngncggnc ncgtggncnn 240

nctcctntcn ttntntctc cccntctnn nccccctcn ncgcggncnc nctganncg 300

ctcctttctt ntacctcnc gngcctctac cncctgncc tccccccca cctccttatt 360

ccnccctcnt cntntcctc tccacctntc ctttccnacc gcnncatnnn acgtctcntt 420

ccctnnnncc acnnntnatc cttcngcnc cctcngngcg aancntcnct nnnctancgg 480

cncgntgnnc ntgcnnncna ntnancncnc nctnattgag tgcngnt 527

<210> 105

<211> 233

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (2)..(2)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (204)..(206)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (208)..(213)
<223> n is a, c, g, or t

<400> 105
cncgatccgg gatattgaca agatgtgtat ccaccttaac ttaatgattt ttacaaaaat 60
cattagggga ttcattcaggt gacgacatcc gtgccataat gtttttgcca ggaggcacca 120
acacctgcgc tgaatatattg ctcccagcta ttttcatagc ttcgccataa caaatggctt 180
gcctcaaattg ccggaacaat atcnnncnnn nnngtactag tcgacgcgtg cca 233

<210> 106
<211> 492
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<400> 106
aaaccaccg gatccgggat catatgacaa gatgtgtatc caccttaact taatgatttt 60
tacaaaaatc attaggggat tcatcagagt tttatctgcg tctggcgcaa cgcattatgc 120
atctgttcag tacgcgtacc tcttccggca ttttgtatga agtggatgct cgactgcgtc 180
cgtccggggc ggcgggaatg ctggtgacat ccgcagaagc atttgccgat tatcagaaaa 240
acgaggcctg gacgtgggaa catcaggcgc tgggtgcgtgc gcgtgtagtg tacggcgatc 300
cgcagctcac cgcgcacttt gacgcagtgc gtcgcgagat tatgacgctg ccgcgtgaag 360
gtaaaactct gcaaacggaa gtgcgggaaa tgcgcgagaa aatgcgcgct catctcggca 420
ataaacatcg cgatcgcttt gatatcaaag ctgatgaagg ggggaattacc gatatcgaat 480
ttattacca at 492

<210> 107
<211> 402
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (2)..(2)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (4)..(5)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (14)..(14)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (97)..(97)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (103)..(104)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (106)..(106)

<223> n is a, c, g, or t

<400> 107

gncnnctaaa aacntttaccg gatccgggat catatgacaa gatgtgtatc caccttaact 60

taatgatttt taccaaaatc attaggggat tcatcanggc cgnnanggtg tggcgctgcc 120

cgctgtatgt gccaaaacag ccgagcaccc tgaaacgcct gttgcatctg ggcagttttg 180

ccgtcagcag tttctttccg ctgatggcgc aacgtcgctg gaagccggat cgcattattg 240

gcgtggtgcc aacgctgttt tgcgcgccgg gaatgcgcct gctggcgaaa ctctctggtg 300

cgcgtagcgt gctgcatatt caggattacg aagtggacgc catgctgggg ctgggccttg 360

ccggaaaagg caaaggcggc aaagtggcac agctggcaac gg 402

<210> 108

<211> 483

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (3)..(3)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (194)..(194)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (203)..(203)

<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (212)..(212)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (215)..(215)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (217)..(218)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (223)..(223)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (286)..(286)
<223> n is a, c, g, or t

<400> 108
cgncgcatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gattttttacc 60
aaaatcatta ggggattcat cagcgcacatc ggtcttcacc atatttgatt gtcgatttcc 120
taccagctct gtattacgaa caaaatacag aacacgatac cccatactac aaccctataa 180
aaacgttcga tatngttccg gcntgtgctg cncgncnngt ggnctggcga agctatgaaa 240
atagctggga gcaaataattc agcgcaggtg ttggtgcctc ctggcnaaaa cattatggca 300
cggatgtcgt caccacaactc ggctacgggc aacgcattag ttggaatgac gtgattgatg 360
ctggcgcaac gctacgctgg gaaaaacgac cttatgacgg tgacagagaa cacaacttat 420
acgttgaatt cgatatgaca ttcagatttt aaggataaat atgttacgta atggaaataa 480
ata 483

<210> 109
<211> 455
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (4)..(4)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (115)..(115)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (234)..(234)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (238)..(238)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (240)..(240)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (243)..(243)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (265)..(265)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (287)..(287)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (292)..(292)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (296)..(296)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (301)..(301)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (315)..(315)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (323)..(323)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (326)..(326)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (330)..(330)

```

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (335)..(335)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (337)..(337)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (340)..(341)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (350)..(350)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (352)..(352)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (357)..(359)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (362)..(362)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (369)..(369)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (372)..(372)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (382)..(382)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (384)..(384)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (387)..(387)
<223> n is a, c, g, or t

<220>

```

<221> misc_feature
<222> (394)..(394)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (399)..(399)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (419)..(419)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (421)..(421)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (423)..(423)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (434)..(435)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (441)..(441)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (449)..(449)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (454)..(454)
<223> n is a, c, g, or t

<400> 109
acgncggatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gatttttacc 60
aaaatcatta ggggattcat cagcaccgta cttacgccgc tçattttgat accancgaac 120
ataagcctga gcaactgttg cgtgaacacc atttttcatt gcccgtaatg gaacgcggtg 180
agagaggcgt tccagttgcg aaccaatacg ccagttatca ttaaaatcat atcngccngn 240
ccngtactag tcgacgcgtg gccanaaatt gaaaactggt ttgccanaat tntctngatc 300
ncctaaaaag ctatnactgg acncgntatn atggntntgn nttatctggn anggggnnnc 360
anaaaaatnc gntgccaatg gntnatncaa ttgnccatna aattaaac atcccttang 420
ntnaagaca aatnnatttt ntaattcang ggcna 455

<210> 110

<211> 468
 <212> DNA
 <213> artificial
 <220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (1)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (18)..(18)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (88)..(88)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (101)..(101)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (125)..(125)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (176)..(176)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (309)..(309)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (328)..(329)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (332)..(332)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (347)..(347)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (359)..(360)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (364)..(364)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (367)..(367)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (372)..(373)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (375)..(375)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (379)..(379)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (382)..(382)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (389)..(389)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (391)..(391)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (393)..(393)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (398)..(398)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (404)..(405)

```

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (408)..(409)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (414)..(414)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (416)..(416)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (418)..(418)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (421)..(421)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (425)..(425)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (427)..(427)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (431)..(431)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (435)..(435)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (438)..(438)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (440)..(440)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (444)..(445)
<223> n is a, c, g, or t

<220>

```

<221> misc_feature
<222> (447)..(447)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (450)..(452)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (454)..(455)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (458)..(458)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (461)..(462)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (464)..(465)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (468)..(468)
<223> n is a, c, g, or t

<400> 110
nnngnaaacca gccggacntc ccggatccgg gatcatatga cnagatgtgt atccacctta 60
acttaatgat ttttaccaa atcattangg gattcatcag ncagatgcgt tcctgaccct 120
caanggagac ttcattgacgc tgggtactgt cggaaaaatc agtgaaagcc cagganacac 180
cgtactttacg ccgctcattt tgataccagc gaacataagc ctgagcactg ttgcctgtaa 240
caccattttt cattgcccgt aatggaacgc ggtgagagag gcgttccagt tgcgaaccaa 300
tacgccagnt atcattaaaa tcatatcnnc cngaagagga ctagtcnacg cgtggccann 360
acanccncac tnnnaacnt gnggctacna ntntaccngc ccannagnnt tacntnantt 420
ncgcncncct nccantcnch cccnnangtn nncnnaant nnannctn 468

<210> 111
<211> 313
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature


```

<222> (1)..(2)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (5)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (18)..(18)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (168)..(168)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (170)..(172)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (175)..(177)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (201)..(201)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (205)..(205)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (209)..(209)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (214)..(217)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (222)..(222)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (226)..(226)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (228)..(228)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (233)..(233)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (235)..(235)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (238)..(238)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (243)..(243)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (246)..(246)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (252)..(252)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (256)..(256)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (267)..(267)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (269)..(270)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (273)..(273)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (276)..(276)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (280)..(281)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (288)..(288)

```

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (296)..(296)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (303)..(303)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (305)..(305)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (308)..(309)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (312)..(312)

<223> n is a, c, g, or t

<400> 111

naaanatagc gttccgntc gggatcatat gacaagatgt gtatccacct taacttaatg 60

atttttacca aaatcattag gggattcatc agatggaagc attaaccgcg gcctccgtgg 120

cggcgctgac cttttatgac atgtgcaaag cgggtgcaaaa agatatacn nncnnngta 180

ctagtcgacg cgtggccaaa natcngggnt ctcnnttgc tngctncaa tcnantgnac 240

ccnctnaacc cnttcnagct aaacatntnn atntgnaacn nataaacnca ggacgncact 300

atngngtnna cnt 313

<210> 112

<211> 398

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (3)..(4)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (7)..(7)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (11)..(11)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (25)..(25)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (28)..(28)

<223> n is a, c, g, or t

<400> 112

cgnganacg nccgaatccg gatantanac aagatgtgta tccccctaac ttaatgattt 60

ttacccaaat cattagggga ttcacaggg ctttagcggg agtctgagcg aaattcgaca 120

aaaccggag caatttaaac agtgggccc ctttaaaagt cgtgcgttaa ctgacttcac 180

tttagaactt agtgcgcgcg taaaagccat tcgcggtcca catattaaaa ctgcacgaaa 240

tatttttgca cttccggtaa tacaacctga aagtgaagcc tggtttgac agaattatgc 300

tgatttccta aaaagctatg actggaccgc tattatggct atgccttatc tggaagggtg 360

cgcagaaaaa tcggctgacc aatggttaat acaattga 398

<210> 113

<211> 300

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (1)..(1)

<223> n is a, c, g, or t

<400> 113

nacggatccg ggatatatga caagatgtgt atccacctta acttaatgat ttttaccaaa 60

atcattaggg gattcatcag tatctggtgt gcattgatgg cgatgcgtta ttagaccgcg 120

atgcggcggc atatattgtg gaaccgatgt tgtacaaccc gcgtgtgggt gccgtaaccg 180

gtaatcctcg tattcgaaca cgttctaccc tgggtgggtaa aattcagggtt ggcgagtatt 240

cctcaattat tggtttgatc aagcgaaccc agcgtatcta tggaacgta ttaccggtt 300

<210> 114

<211> 300

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> n is a, c, g, or t

<400> 114
 ncgatccggg atcattgaca agatgtgtat ccaccttaac ttaatgattt ttaccaaagt 60
 cattagggga ttcattcagta tctggtgtgc attgatggcg atgcgttatt agaccgcgat 120
 gcggcgccat atattgtgga accgatgttg tacaacccgc gtgtgggtgc cgtaaccggt 180
 aatcctcgta ttcgaacacg ttctaccctg gtgggtaaaa ttcaggttg cgagtattcc 240
 tcaattattg gtttgatcaa gcgaaccag cgtatctatg gaaacgtatt taccgtttcc 300

<210> 115
 <211> 453
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (128)..(129)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (154)..(154)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (159)..(160)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (164)..(165)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (178)..(179)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (181)..(181)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (183)..(183)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (195)..(195)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (202)..(202)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (206)..(206)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (211)..(211)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (213)..(213)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (215)..(215)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (222)..(222)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (226)..(226)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (229)..(230)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (232)..(235)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (238)..(238)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (242)..(242)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (249)..(249)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (253)..(253)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (263)..(263)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (266)..(266)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (279)..(279)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (282)..(282)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (292)..(292)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (294)..(294)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (296)..(297)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (300)..(301)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (304)..(304)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (308)..(308)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (317)..(318)

```

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (330)..(330)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (333)..(333)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (338)..(338)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (342)..(342)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (344)..(344)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (352)..(352)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (354)..(354)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (356)..(356)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (369)..(369)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (371)..(371)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (374)..(374)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (377)..(377)
<223> n is a, c, g, or t

<220>

```


<221> misc_feature
<222> (379)..(380)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (382)..(382)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (384)..(387)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (396)..(396)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (412)..(412)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (415)..(415)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (425)..(425)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (427)..(427)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (430)..(430)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (437)..(438)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (446)..(446)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (448)..(448)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (450)..(452)
<223> n is a, c, g, or t

Untitled.ST25.txt

```

<400> 115
aaacntaccg gatccgggat catatgacaa gatgtgtatc caccttaact taatgatttt 60
taccaaaatc attaggggat tcatcagcgg cgagcaggcg atttccaccg aggcttatat 120
ccccccnnc cgtactagtc gacgcgtggc caantatcnn gatnnccccg cctgtcannc 180
nanccccccc tgcgncccct cntcnactc nancntagac cngccnctnn tnnnncanct 240
cncggcgcnt gtnccaacct gncncncccc gtcttgccna cncctctccac gncncnncn 300
nttnccngc cctgcnnct ctccccccn cencacnct cngnccctca gncncngtcc 360
cgctcggtnc nccnacnnc cncnnnnagc tctcngtta cctcaccgat gntcncccc 420
ctcgnngcn caccnncnag cagccnctn nnc 453

```

```

<210> 116
<211> 268
<212> DNA
<213> artificial

```

```

<220>
<223> partial gene with transposon insert

```

```

<220>
<221> misc_feature
<222> (6)..(6)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (89)..(89)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (104)..(104)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (107)..(107)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (109)..(111)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (116)..(116)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (121)..(121)
<223> n is a, c, g, or t

```

<220>
 <221> misc_feature
 <222> (134)..(134)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (140)..(140)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (144)..(145)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (151)..(151)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (164)..(164)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (166)..(168)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (172)..(174)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (180)..(181)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (183)..(184)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (186)..(186)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (189)..(191)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (194)..(194)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (196)..(196)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (206)..(206)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (208)..(209)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (211)..(211)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (213)..(213)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (218)..(218)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (221)..(221)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (223)..(225)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (228)..(228)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (235)..(238)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (243)..(243)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (245)..(245)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (248)..(249)

<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (251)..(251)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (253)..(253)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (258)..(258)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (260)..(260)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (264)..(264)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (267)..(267)
<223> n is a, c, g, or t

<400> 116
aacggnccgg atccgggatac atatgacaag atgtgtatcc accttaactt aatgattttt 60
accaaaatca ttaggggatt catcagagnt aagcgtgaca gtgntantnn nctacngcca 120
naggtacaaa caanttcata catnngccgc ngaagatttc cttntnnnag cnnncagccn 180
ngnntntnn ncantntcct aaccntnnc ncntggtngt nannncangt tcatnnnnca 240
ttnantgnnt ntntcgantn cgntcnc 268

<210> 117
<211> 263
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (2)..(2)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (110)..(110)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (118)..(118)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (144)..(144)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (173)..(174)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (183)..(183)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (210)..(210)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (212)..(212)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (214)..(214)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (219)..(219)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (243)..(255)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (257)..(262)

<223> n is a, c, g, or t

<400> 117

gnaaagcccg ccggacatcc cggatccggg atcatatgac aagatgtgta tccaccttaa 60

cttaatgatt ttaccacaaa tcattagggg attcatcaga gccggaagtn aacgcggngc 120

tggagaagat gaaaaccttc tcanaagcga ttatttccgg tgagtggaaa ggnnataccg 180

gcnaagcaat cactgacgta gtgaatatch cncnccccng tactagtcga cgcgtggcca 240

cannnnnnnn nnnnnnnnnn nnc 263

<210> 118

<211> 390

<212> DNA

<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (127)..(127)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (190)..(190)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (195)..(195)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (200)..(200)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (205)..(205)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (212)..(212)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (221)..(221)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (223)..(223)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (228)..(229)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (234)..(235)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (240)..(240)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (245)..(245)

<223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (247)..(247)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (249)..(251)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (256)..(256)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (258)..(258)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (260)..(260)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (263)..(263)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (265)..(265)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (268)..(268)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (270)..(273)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (275)..(275)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (277)..(277)
 <223> n is a, c, g, or t
 <220>
 <221> misc_feature
 <222> (280)..(280)
 <223> n is a, c, g, or t
 <220>

<221> misc_feature
<222> (287)..(288)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (293)..(294)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (297)..(299)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (302)..(302)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (304)..(307)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (316)..(318)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (321)..(323)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (327)..(327)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (329)..(329)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (332)..(333)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (337)..(337)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (342)..(342)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (344)..(344)
<223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (348)..(349)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (352)..(352)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (355)..(356)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (358)..(358)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (362)..(363)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (368)..(370)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (374)..(375)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (378)..(378)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (380)..(380)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (382)..(383)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (387)..(388)
 <223> n is a, c, g, or t

<400> 118
 acgaccggat cccggatcat atgacaagat gtgtatccac cttaacttaa tgatttttac 60
 caaaatcatt aggggattca tcagtgtctg ccgccttctt tggcactgcg gaaggtaaac 120
 agcagcngtt tttctggcat ggactcacgg agaatttttg ctgccgccat gacagactcc 180

Untitled.ST25.txt
acattggagn ggtangcatn ctggnccaca cncattcca nantatcnnc tttnnctgcn 240
actantnann nctcgnantn ttncntcnnc nnnncncan ttcctcnnc ttnnacnnnc 300
gngnnnnnttg ttgaannntt nnnacancnc annttcnccc cncntctnnt anatnngncc 360
cnngcctnnn agtnntantn cnntttnttc 390

<210> 119
<211> 392
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (84)..(84)
<223> n is a, c, g, or t

<400> 119
cgtaccggat ccgggatcat atgacaagat gtgtatccac cttaacttaa tgatttttac 60
caaatcatt aggggattca tcangggccc ggtaccgttg gctgatattt ccgaacgtca 120
gggaatttcc ctttcttatac tggaacaact gttttcccgt ctgcgtaaaa atggtctggt 180
ttccagcgta cgtggaccag gcggtggtta tctgttaggc aaagatgcca gcagcatcgc 240
cgttggcgaa gtaattagcg ccgttgacga atctgtagat gccaccggtt gtcagggtaa 300
aggcggtgc cagggcggcg ataaatgcct gaccacgcg ctgtggcgtg atttgagcga 360
ccgtctcacc ggttttctca acaacattac tt 392

<210> 120
<211> 451
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (3)..(3)
<223> n is a, c, g, or t

<400> 120
cgnccggatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gatttttacc 60
aaaatcatta ggggattcat cagggtttta gcgggagtct gagcgaaatt cgacaaaacc 120
cggagcaatt taaacagtgg gcccgtttta aaagtcgtgc gttaactgac ttcactttag 180
aacttagtgc gcgcgtaaaa gccattcgcg gtccacatat taaaactgca cgaaatattt 240
ttgcacttcc ggtaatacaa cctgaaagtg aagcctggtt tgcacagaat tatgctgatt 300

Untitled.ST25.txt

tcctaaaaag ctatgactgg accgctatta tggctatgcc ttatctggaa ggtgtcgcag	360
aaaaatcggc tgaccaatgg ttaatacaat tgaccaatca aattaaaaac atccctcagg	420
ctaaagacaa atctatttta gaattacagg c	451

<210> 121
 <211> 300
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (8)..(8)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (270)..(271)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (273)..(276)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (300)..(300)
 <223> n is a, c, g, or t

<400> 121	
ncaacgtncg ggaatccggga tcatatgaca agatgtgtat ccccttaact taatgatttt	60
tacaaaaatc attaggggat tcatcagggt tatgtctgact taattgctcc agcagcattt	120
cgtgggtgga ttcgaagcag cgaagatgaa tgggctcgcc ttctaccact gcggcggttaa	180
gtacgctact gaccaggcgt ttggaaagtg catcagccac gccaacgtca aacaataaat	240
tggattcttt gcgatagttc acaatatccn ncnnnnccgt actagtcgac gcgtggccan	300

<210> 122
 <211> 393
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (121)..(121)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (139)..(139)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (149)..(149)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (223)..(223)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (262)..(262)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (264)..(267)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (270)..(271)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (273)..(273)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (293)..(293)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (298)..(299)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (304)..(304)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (307)..(309)

```

<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (313)..(316)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (323)..(324)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (336)..(336)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (347)..(347)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (356)..(358)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (364)..(365)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (367)..(367)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (369)..(370)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (374)..(375)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (377)..(378)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (382)..(383)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (385)..(385)
<223> n is a, c, g, or t

<220>

```

<221> misc_feature
<222> (393)..(393)
<223> n is a, c, g, or t

<400> 122
aaacncaccg gatccgggat catatgacaa gatgtgtatc caccttaact taatgatttt 60
taccaaaatc attaggggat tcatcagagt taagtgtgac aagtggagtt aagtatgcca 120
naggtacaaa cagatcatnc agagacggng gagttaagca aaccacagct acagcatggt 180
cgatctcaac ttattaaccg ttttcgatgc cgtgatgcag gancaaaaca ttactcgtgc 240
cgctcatggt ctgggaatat cncnnnngcn ngnactagtt cgacgcgtgg ccncatanna 300
tgtntcnnt tcnnnctct tcnnttgctt cccttncccc tcttcngcc cccannncg 360
tctntntnn atcnngnct tnnctacga ctn 393

<210> 123
<211> 331
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (7)..(7)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (9)..(9)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (16)..(16)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (33)..(33)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (60)..(60)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (69)..(69)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (88)..(88)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (173)..(173)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (193)..(193)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (203)..(203)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (236)..(236)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (244)..(244)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (265)..(266)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (269)..(270)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (275)..(275)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (282)..(282)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (284)..(284)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (295)..(296)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (298)..(298)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (300)..(301)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (304)..(306)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (309)..(309)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (311)..(311)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (318)..(318)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (320)..(320)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (326)..(328)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (331)..(331)
<223> n is a, c, g, or t

<400> 123	
aaaccntng gatcngcat catatgacaa gangttgtat ccaccttaac ttaatgattn	60
ttaccaaant cattagggga ttcacatcanag ttaagtgtga cagtggagtt aagtatgcca	120
gaggtacaaa cagatcatcc agagacggtg gagttaagca aaccacagct acngcatggt	180
cgatctcaac ttnttaaccg ttntcgatgc cgtgatgcag gagcaaaaca ttactncgtg	240
ccgntcatgt tctgggaata tcccnngggn acgtntctagt cnangcgtgg ccaanngntn	300
nggnnnctna ntcacagnan ctttanngt n	331

<210> 124
<211> 298
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature

<222> (4)..(4)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (13)..(13)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (251)..(251)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (254)..(254)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (276)..(276)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (280)..(280)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (283)..(286)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (291)..(291)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (293)..(293)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (295)..(296)
<223> n is a, c, g, or t

<400> 124
agcncgccgg acntcccgga tcgggatcat atgacaagat gtgtatccac cttaacttaa 60
tgatttttac caaatcatt aggggattca tcagtcggta gttaagcaga aattaatatc 120
gcttacttta accaccgcag cacaattagc taattttacg gatgcagaac tcacgctggc 180
gggacgtttt tattgcgtca gggttgacat ccgtttttgt atccagtaac tctaaaagca 240
tatcgcccc nccngtacta gtcgacgcgt ggccanaacn cgnnnntcca ntntnncc 298

<210> 125
<211> 411
<212> DNA

<213> artificial
 <220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (7)..(7)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (105)..(105)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (108)..(108)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (111)..(112)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (117)..(118)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (126)..(126)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (130)..(130)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (134)..(134)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (136)..(136)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (142)..(142)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (144)..(144)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (148)..(150)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (159)..(159)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (163)..(163)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (166)..(166)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (187)..(187)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (195)..(195)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (227)..(227)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (318)..(318)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (377)..(379)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (383)..(383)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (386)..(386)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (392)..(392)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (394)..(394)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (403)..(403)
 <223> n is a, c, g, or t

<400> 125
 gnaangnaaa acncgccgga catcccggat ccgggatcat atgacaagat gtgtatccac 60
 cttaacttaa tgatttttac caaaatcatt aggggattca tcagnacngc nnattgnncc 120
 cacgnggan taantngccc cngnttgnnn tctcgtgnt aanganaaat aacgtcttta 180
 taacgancgc gagtnaataa cgcgccaaga tgatcaacct gaatacncctg gtactgggca 240
 gtgcggtctg ggttatcgtg ccacagaatt tctaatacag cgtattgggc gagggcgcgga 300
 tcggcaatgg cataacgntc actttcactg cgcgtaggca taaacgacag tctgaccagt 360
 tcggcatgaa tatcagnnnt tgntgnacta gncnacgcgt ggncaaaaca t 411

<210> 126
 <211> 388
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (175)..(175)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (178)..(178)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (180)..(180)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (185)..(185)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (188)..(188)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (192)..(192)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (276)..(276)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (307)..(307)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (310)..(310)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (312)..(312)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (315)..(316)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (318)..(318)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (326)..(326)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (328)..(328)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (330)..(330)

<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (332)..(333)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (337)..(337)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (339)..(339)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (342)..(342)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (345)..(345)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (352)..(352)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (354)..(354)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (358)..(358)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (360)..(361)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (363)..(364)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (371)..(372)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (378)..(379)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (384)..(384)
<223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (387)..(387)
 <223> n is a, c, g, or t

<400> 126
 cgncgggatac cgggatacata tgacaagatg tgtatccacc ttaacttaat gatttttacc 60
 aaaatcatta ggggattcat cagagcttaa taccggcatc cacgcataga tgtttacacc 120
 tgagcgggta cgtaattgcc aggcaacccg actaaaaata tctgctttca ttggnctnan 180
 acaancgngg anccagacct ctttgaccag cccatcacca tcgggatcag caaatgcctg 240
 caaatacacg gttgatattt gcatatcttt cccccncgta ctagtcgacg cgtggccaca 300
 ttactntan tntannantg gatccnantn anncggnntnt anctngcctt gnangggngn 360
 nannattatc nntgcccnc gacnaant 388

<210> 127
 <211> 410
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (4)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (17)..(17)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (317)..(317)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (339)..(339)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (343)..(343)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (356)..(356)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (360)..(360)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (362)..(362)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (367)..(367)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (370)..(370)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (380)..(381)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (383)..(385)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (389)..(389)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (399)..(399)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (410)..(410)
<223> n is a, c, g, or t

<400> 127
tttnngaaac acgccgnaca tcccggatcc gggatcatat gacaagatgt gtatccacct 60
taacttaatg atttttacca aaaatcatta ggggattcat cagtggatta tgcggttgat 120
aaaaaagcga tcgatacagc tacgcgtcag acactgctcg gcaatagcct ggtcgttgta 180
gcaccgaaag ccagcgtgca gaaagatttc accatcgaca gcaaaaccaa ctggacttca 240
ctgctgaatg gcggtcgcct ggcggttggc gatccggaac atgttcccgc tggcatttat 300
gcaaaagaag cactgcnaaa actgggcgca tgggatacnc tcnctccgaa aatggncccn 360
cntaagntgn tcctaggggn ncnncgcng gtcaccacnt aatcgaaccn 410

<210> 128
<211> 305
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (11)..(12)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (103)..(103)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (107)..(107)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (159)..(159)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (204)..(204)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (211)..(211)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (213)..(216)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (218)..(218)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (226)..(226)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (239)..(239)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (242)..(242)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (246)..(248)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (254)..(254)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (257)..(257)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (263)..(263)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (265)..(265)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (271)..(273)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (278)..(279)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (281)..(281)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (284)..(285)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (287)..(287)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (290)..(290)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (293)..(293)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (298)..(298)

<223> n is a, c, g, or t

<220>

Untitled.ST25.txt

<221> misc_feature
<222> (302)..(305)
<223> n is a, c, g, or t

<400> 128
gcaaaaacga nncggccaag gatcatatga caagatgtgt atccacctta acttaatgat 60
ttttaccaaa aatcattagg ggattcatca ggaaagggca gcnttancgc cggcatgaat 120
accgatgaca ttctcacctt cgccattaac aaaaatcanc gccacacctg ttgattcgcc 180
tttgatctcg ctgaccggag taanatcccc ntnnnngnac tagtcnacgc gtggccatna 240
anttcnnncg accntangac ccnantcctg nnnntaannc ncgntnccn tanttgcnc 300
annnn 305

<210> 129
<211> 450
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (5)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (9)..(9)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (15)..(15)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (19)..(19)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (23)..(24)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (30)..(30)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (32)..(32)
<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (37)..(37)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (44)..(44)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (50)..(50)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (52)..(52)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (58)..(58)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (60)..(60)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (73)..(74)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (81)..(81)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (88)..(88)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (97)..(97)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (101)..(102)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (125)..(125)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (132)..(132)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (147)..(147)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (158)..(158)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (184)..(184)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (203)..(203)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (239)..(239)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (243)..(243)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (265)..(265)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (267)..(267)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (272)..(273)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (281)..(281)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (290)..(290)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (299)..(299)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

```

<222> (309)..(310)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (314)..(315)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (318)..(319)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (324)..(324)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (328)..(328)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (330)..(330)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (334)..(334)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (336)..(336)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (342)..(342)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (348)..(348)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (352)..(352)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (354)..(354)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (358)..(358)
<223> n is a, c, g, or t

```

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (360)..(360)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (365)..(365)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (373)..(374)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (404)..(404)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (419)..(421)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (428)..(428)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (443)..(444)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (449)..(449)
 <223> n is a, c, g, or t

<400> 129
 cacanccgna catcngcgnt atnntactn anaatgncgt gaantattcn cnaactgcntn 60
 acacttacac cgnntctcat nccggtangc accacanaaa nnttgaatat gaggcataaa 120
 tggtngttg angccgggta acagccntca ttatggngt tggcctcaac acgattttcc 180
 tcnttttaa aaactcacgc cgntaccctg taacctcgca ccatactggc agggcagcng 240
 acngattcgc ctgcgcatga aatgnanaaa cnntggggat ncaccagggn gtaaactctng 300
 ccagcgatnn ctgnnttnt cttntganan gatncngaaa angggggntg cncncgtntn 360
 ccggnaaaca tcnntaataa aactggggcc aaagtaaaac gtcnggatat ccaatccann 420
 ngtactantc gacgcgtggc cannactgnc 450

<210> 130
 <211> 291
 <212> DNA
 <213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(2)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (8)..(8)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (12)..(13)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (86)..(86)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (259)..(259)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (264)..(264)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (267)..(268)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (290)..(291)
<223> n is a, c, g, or t

<400> 130
nnacgctncg gnnccgggatc atatgacaag atgtgtatcc accttaactt aatgattttt 60
accaaaatca ttaggggatt catcanagtt aagtgtgaca gtggagttaa gtatgccaga 120
ggtacaaaca gatcatccag agacggcgga gttaagcaaa ccacagtcta cgcattggctg 180
atctcaacta ttaaccgttt tcgatgccgt gatgcaggag caaacatta ctcgtgccgc 240
tcattgttctg ggaatatcnc ccnctnngt actagtcgac gcgtggccan n 291

<210> 131
<211> 203
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (82)..(83)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (101)..(101)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (115)..(115)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (120)..(120)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (127)..(127)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (132)..(132)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (136)..(136)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (138)..(138)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (145)..(145)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (148)..(148)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (151)..(151)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (154)..(154)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (158)..(158)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (161)..(161)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (165)..(168)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (172)..(172)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (177)..(180)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (183)..(183)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (185)..(186)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (188)..(190)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (192)..(194)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (196)..(196)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (198)..(198)
<223> n is a, c, g, or t

Untitled.ST25.txt

```
<400> 131
atnncgacc gggatcatat gacaagatgt gtatccacct taacttaatg atttttacca 60
aatcattag gggattcatc anngtccagt aattcaatta naggaatcta tgcgngggan 120
aaacgngtgg cngctncncg ctaangcnaa naantaancc ncctnnnnct angtatnnnn 180
ggncnntnnn annncngntt tct 203
```

```
<210> 132
<211> 327
<212> DNA
<213> artificial
```

```
<220>
<223> partial gene with transposon insert
```

```
<220>
<221> misc_feature
<222> (2)..(3)
<223> n is a, c, g, or t
```

```
<220>
<221> misc_feature
<222> (5)..(6)
<223> n is a, c, g, or t
```

```
<220>
<221> misc_feature
<222> (12)..(12)
<223> n is a, c, g, or t
```

```
<220>
<221> misc_feature
<222> (15)..(15)
<223> n is a, c, g, or t
```

```
<220>
<221> misc_feature
<222> (86)..(86)
<223> n is a, c, g, or t
```

```
<220>
<221> misc_feature
<222> (93)..(93)
<223> n is a, c, g, or t
```

```
<220>
<221> misc_feature
<222> (95)..(95)
<223> n is a, c, g, or t
```

```
<220>
<221> misc_feature
<222> (99)..(99)
<223> n is a, c, g, or t
```

```
<220>
<221> misc_feature
<222> (118)..(118)
```

```

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (122)..(122)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (124)..(126)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (128)..(128)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (132)..(133)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (138)..(138)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (141)..(142)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (145)..(145)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (152)..(152)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (154)..(154)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (157)..(157)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (160)..(160)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (163)..(164)
<223> n is a, c, g, or t

<220>

```

<221> misc_feature
<222> (166)..(166)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (168)..(168)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (171)..(171)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (173)..(173)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (180)..(180)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (182)..(182)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (184)..(184)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (186)..(187)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (190)..(190)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (193)..(193)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (196)..(196)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (198)..(199)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (201)..(201)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (205)..(205)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (213)..(213)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (215)..(215)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (218)..(218)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (222)..(222)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (239)..(239)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (241)..(242)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (250)..(250)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (253)..(254)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (256)..(256)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (262)..(267)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (271)..(271)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (275)..(275)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (283)..(283)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (287)..(287)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (292)..(293)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (295)..(295)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (299)..(299)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (301)..(301)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (305)..(305)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (311)..(311)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (313)..(313)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (315)..(315)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (317)..(317)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (319)..(319)
<223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (322)..(322)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (327)..(327)
 <223> n is a, c, g, or t

<400> 132
 anncnncgac cnggntcata tgacaagatg tgtatccacc ttaacttaat gattttttacc 60
 aaaatcatta ggggattcat cagtcnggcc gancnggcna tttccaccga ggcttatntc 120
 cncnnntntc gnnctagncg nngcntggcc angnttnnngn ccnnctnncn ncncctccatn 180
 antntnnccn ctntcncnna ntacngtgcc cgngnatncc cntcctccgt cggccccnc 240
 nngcttagcn gcnnantggc cnnnnnncaa nttangacga tcngccngcc cnnntnaacng 300
 ngttngccat ntncntncnc tnttatn 327

<210> 133
 <211> 484
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<400> 133
 cgncgggatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gattttttacc 60
 aaaatcatta ggggattcat cagaggcaag tccgtatgca aatctcctcg ggcaaaaagc 120
 gcccggaatt ctgcttcaaa acctgaagcc aacatctgat gaaaacgctg ctcaatgcgt 180
 tgatggagca gttcacggct cgccggggcg atggcgaaact gatgcacctg atacggtaga 240
 gcgtctcctg acgtttgcgt cagttccggt aaagttttac ccgaaatgaa aaaaacttcc 300
 agtggccggg aaagcctttg tggatcattt ggatgaatcc ttgctgccgc aaccggatct 360
 acctcctgaa gttgacgatg caatgactcc caaccttgct ctgccgcctg ttgctcaatt 420
 ctggcccgtg cttccgggtc tgccgacggt agcggcgaca acccttccag caatgccttg 480
 aaat 484

<210> 134
 <211> 300
 <212> DNA
 <213> artificial

Untitled.ST25.txt

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (2)..(2)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (135)..(135)
<223> n is a, c, g, or t

<400> 134
gncggatccg gtatatatga caagatgtgt atccacctta acttaatgat ttttaccaa 60
atcattaggg gattcatcag gatggggcat caaccagata gcttcattgc ttaagaaaag 120
taataaaact atcancgccc aaaaaaacag tgcgatgcgt cgactggcaa ttcacagcaa 180
cgctgaaatg tatgcatgga taaatagcgc gcagggtgca agagaactta acttgccttc 240
tgtttatgga gatgccgcag aatggaacac agccgaatta agaagagaaa tgtcgcactc 300

<210> 135
<211> 388
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(3)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (368)..(368)
<223> n is a, c, g, or t

<400> 135
nnnaaagcac gccggacatc cgatccggga tcatatgaca agatgtgtat ccaccttaac 60
ttaatgattt ttacaaaat cattagggga ttcacagac ccaatattgc cccagggcg 120
gaataatttg cccgctcttt tttaatcgct gatagtgaga aataacgtct ttataacgat 180
cgcgagttat aacgcgcaa gatgatcaac ctgaatacgc tggactggg cagtgcggtc 240
tggttatcg tgccacagaa tttctaattgc agcgtattgg gcgaggcgat gatcggcaat 300
ggcataacgt tcactttcac tgcgcgtagg cataaacgac agtctgacca gttcggcatg 360
aatatcancg cgaatagtag tagtcgac 388

<210> 136
<211> 345

<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(4)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (10)..(10)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (319)..(320)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (322)..(324)
<223> n is a, c, g, or t

<400> 136
nnnngaagcn cgccggacat cccggatccg ggatcatatg acaagatgtg tatccacctt 60
aacttaatga tttttacca aatcattagg ggattcatca gtaccacgcc cctaattattg 120
ctattgtaat accaataatt tgctaaggcc tctgactttc tggccgcaat caatacgacc 180
tgtttccctt ttaccgcgga taaccattca ttatcacggt ttataaattc agataaagaa 240
tccgtactga gattgataaa cacgaaatct tttctaattt tctccaacga tagataaatt 300
aatctgtcga tatccccnn cnngtacta gtcgacgcgt ggcca 345

<210> 137
<211> 452
<212> DNA
<213> artificial

<220>
<223> partial gene with transposon insert

<220>
<221> misc_feature
<222> (1)..(1)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (451)..(451)
<223> n is a, c, g, or t

<400> 137
naccaccgga tccgggatca tatgacaaga tgtgtatcca ccttaactta atgattttta 60

Untitled.ST25.txt

ccaaaatcat taggggattc atcagggcca gaagccgact tcagttctat tttttgctgg	120
cagtggcgaa tgccgtcgtg ttaattgtct gggcgctgta caataagctg cgttttcaaa	180
aacagcagca tcatgcagcc taccaatata cgccgcaaga atatgcagag agcttagcaa	240
tacctgatga gctctatcag caactacaaa aaagccacag gatgagcgta cacttcacca	300
gccaggggca aataaaaatg gttgtttcag aaaaagcgct agtccgggca taaacaccca	360
aaacaaagcc cggttcgccc gggctctgca ccgataacac acttaactgt aggcattgcag	420
cgtacgttgg caaagtgccg aacgtacgca nt	452

<210> 138
 <211> 350
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (70)..(70)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (113)..(113)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (121)..(121)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (137)..(137)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (140)..(140)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (145)..(145)
 <223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (148)..(148)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (163)..(163)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (175)..(175)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (179)..(180)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (194)..(195)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (201)..(201)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (206)..(207)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (212)..(212)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (214)..(214)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (216)..(216)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (218)..(218)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (224)..(225)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (228)..(229)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (231)..(233)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (241)..(241)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (245)..(245)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (253)..(253)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (258)..(258)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (261)..(262)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (264)..(264)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (272)..(272)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (276)..(277)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (282)..(282)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (287)..(287)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (289)..(289)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (291)..(292)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (294)..(294)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (296)..(296)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (299)..(300)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (307)..(308)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (311)..(311)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (314)..(316)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (318)..(319)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (321)..(321)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (323)..(323)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (327)..(327)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (338)..(338)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (342)..(342)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (347)..(347)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (349)..(350)

<223> n is a, c, g, or t

<400> 138

anacncgtcc gggatcatat gacaagatgt gtatccacct taacttaatg atttttacca 60

aaatcattan gggattcatc agtgtggtgt ccggtaaata tgaaaaaggc atnaaactgc 120

nccacgagcc cactgcnaa gatgnggnaa tctccgcccc gcngcctctc tggcnggtnn 180

ccgttctcac cttnnacacc nccccnngct cncntncnct ccnnnacnnc nntttctctc 240

ngcanccac ttnatctncc nncnccctcc cnacgnntcc cncncncng nncnangnn 300

ttggttnncg nccnnnannc ncnctcntcc tggcctcnct cnttacnenn 350

<210> 139

<211> 190

<212> DNA

<213> artificial

<220>

<223> partial gene with transposon insert

<220>

<221> misc_feature

<222> (1)..(2)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (158)..(159)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (163)..(166)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (189)..(190)

<223> n is a, c, g, or t

<400> 139

nncgatccgg gatcattgac aagatgtgta tccaccttaa cttaatgatt tttaccaaaa 60

tcattagggg attcatcagc acttggtgcc acgtggcaaa atattctcga tcgaccaact 120

catcgccaaa ttttacttgt ttatccgctg gcatatcnnc ccnnnncgta ctagtcgacg 180

cgtggccann 190

Untitled.ST25.txt

<210> 140
 <211> 455
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (426)..(427)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (429)..(429)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (432)..(432)
 <223> n is a, c, g, or t

<400> 140
 cgncggatc cgggatcata tgacaagatg tgtatccacc ttaacttaat gatttttacc 60
 aaaatcatta ggggattcat cagggcatca accagatagc ttcattgctt aagaaaagta 120
 ataaaactat cagcgcccaa aaaaacagtg cgatgcgtcg actggcaatt cacagcaacg 180
 ctgaaatgta tgcâtggata aatagcgcgc aggggtgcaag agaacttaac ttgccttctg 240
 tttatggaga tgccgcagaa tggaacacag ccgaattaag aagagaaatg tcgcactcat 300
 agaaaaatgc gtcatgagta gtatcggtat tgagagttta ttcagaaagt ttgcgggtaa 360
 cccttataag ctccatacct ataccagtca ggagtcattt caggatgccca tgcgcgggat 420
 atcccnncnc cncgtactag tcgacgcgtg gccaa 455

<210> 141
 <211> 224
 <212> DNA
 <213> artificial

<220>
 <223> partial gene with transposon insert

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

Untitled.ST25.txt

<220>
 <221> misc_feature
 <222> (7)..(7)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (189)..(189)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (191)..(191)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (193)..(198)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (222)..(222)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (224)..(224)
 <223> n is a, c, g, or t

<400> 141
 aaaancncgc cggacatccc ggatccggga tcatatgaca aggatgtgta tccaccttaa 60
 cttaatgatt ttaccacaaa tcattagggg attcatcagt attaatcgcc aataatccct 120
 cattaaga gtttgcccag caaattatta ccgtacagga aaaatcacca caacggataa 180
 tgcatatcnc ncnnnnnngt actagtcgac gcgtggccac anan 224